

10-10 INTERNATIONAL *News*

Volume 32 Number 3

\$1.00

July 1994 (Summer)

Hill Country 10-10 Gathering 1994

The 6th annual Hill Country 10-10 Gathering was held on May 22, 1994, at the QTH of Jack Moore, K4NF #50708. A total of 32 attended including 22 10-10 members from four states. Attending for the second year were George, W1SQM #51207, and XYL Lucille from Rhode Island. Also attending again was Ed, KA5GLZ #50356, who scheduled a trip to Texas in his 18 wheeler. Attending for the first time were Ed, N5PTR #57105, and XYL Olive from Mississippi and Hank, WA5HWI #63313 and XYL from Gainesville Texas.

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Dayton Hamvention '94 is History.....

By Chuck Imsande, W6YLJ #19636

The Dayton 1994 Hamvention was about the best Dayton has ever been, except for the weather. There seemed to be more exhibitors, selling more things, than I could get around to see. And of course computers, computer accessories, and computer programs were everywhere. The flea market had a rough time due to the traditional rains. Why does it always have to rain on Hamvention weekend? I stayed over in the Dayton.

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Hill Country 10-10 Gathering



Part of the Hill Country 10-10 Gathering - from left to right: Carl, N5NYN #51310 (CM Branding Iron II) Bill, WD5EDR #23696 (CM Outlaw/Bounty Hunter) Mike, KC5CP #24949 (*10-10 News* DX Editor) Dave, KA5OVO #37297 (10-10 Awards/Certificate Guide Manager) George, W1SQM #51207 (CM Ocean State/Quahog) Lucille, (Awaiting Her Call and The Real CM for Ocean State/Quahog) Allen, N5AFV #27571 (CM Houston Shot) Marti, KC5FKA #65096 (CM Texas Gambler) Lee, KA5YUR #64365, (CH Texas Gambler) and Robert, KA5VVD #42188 (CM Branding Iron)

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AREA MANAGERS..... Listed on page 31

AWARDS MANAGERS..... Listed on page 30

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10-10 *News*

INTERNATIONAL

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DEADLINE FOR NEXT ISSUE

October 15, 1994

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)	Dick, K6PZE #1341
Monday (28.800)	Lovergne, KD6JC #33704
Tuesday (28.380)	Steve, AA8DP #46850
Tuesday (28.800) *	Marv, WB2SJQ #6090
Tuesday (28.800)	Nat, 8P6SA #45858
Wednesday (28.380)	Lonnice, N9OSN #61493
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)	Ed, KC4RIY #58203.
Saturday (28.800)	Al, W6RNX #92
Sunday	'NEVER ON SUNDAY'

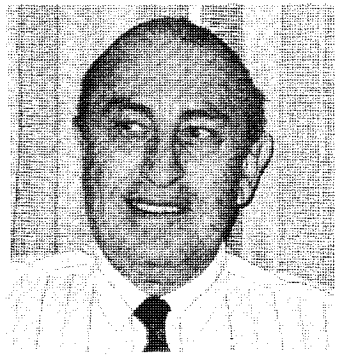
* This net begins at 1500Z

Presidents Message

Norm Lefcourt
W6IRT, #14981

7713 Wilkinson Ave.
North Hollywood,
California 96605 USA

818/503-1912



Time marches on, here it is the middle of the year. It seems like only yesterday the year started, Hi.

As I write this, your 10-10 Board of Directors are very busy preparing for the Board meeting being held in St. Louis, MO, on July 22, 1994. Especially L.B., W4RNL, and Tom, K4CIH. They are putting the finishing touches on the new 10-10 Operations Manual. This was a very difficult and time consuming task. The advance copy that I received impressed me a lot. The 10-10 Operations Manual spells out all Volunteer, Officer and Director duties and job descriptions. It also spells out just how the business of 10-10 is to be conducted. The detail spelled out in this new manual is something that 10-10 has needed for a long time. Bravo L.B. and Tom.

I plan to drive to the Board Meeting in St. Louis and then drive on to Ft. Lauderdale, FL. Then cruise across to the Bahamas for few days. I will have my 10 meter mobile with me and will be monitoring and calling CQ around 28.310. I hope some of you may hear me and we can have a QSO.

In May, I had a small stroke. I have survived it very well. Results, small change in my speech, loss of some strength in my right arm, a little droop on the right side of my mouth. I did not lose my memory or anything else. Thank the Lord it was very slight...

I have had a very limited amount of time to operate on ten meters. The 10 meter band sure stinks here in Southern California, but it will be back in full strength soon. It **always** has come back, and it will again this time after the sun spots do their thing! So, hang in there and continue to support 10-10. Remember, there are always openings, even during the low point of the sun spot cycle. Continue to listen on 10, you never know who may be out there!

My term of office as President will end this year.

However, I will be past President ex-officio for 2 years. Hopefully, my experience and background will be of value to 10-10. I will try to be available to do what ever is asked of me.

The best to all, Norm, W6IRT #14981

We Need Your Help!

.....to find those **LOST** calls

For some unexplained reason, we have "lost" the calls that were issued to a series of 13 10-10 numbers. It is believed that these 13 numbers were issued between November 1993 and March 1994 and perhaps in the ZERO district.

The calls we are looking for are assigned to the following 10-10 numbers:

65225, 65226, 65227, 65228, 65229,
65230, 65232, 65233, 65234, 65235,
65236, 65237, 65238

You will note that #23231 is missing from the above list because it has been found and belongs to N0WLZ. If you know someone that has one of these numbers, or you happen to work one of these numbers on the air, **please** send the number and call to our Data Manager, Gerry Gross, WA6POZ, at 543 N. 98th Street #142, Omaha, NE 68114-2332.

These are all new members and we know that they will show up on the 10 meter band sooner or later and one of you will work them. Until these "lost calls" can be found, they will not receive their copies of the News, so please help us find these lost calls.



Hugh, WA4QZU #23166, Vice President,
Tom, K4CIH #33233, Director, and Chuck, W6YLJ
#19636, Director and Editor of the News

Dayton Hamvention '94

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area until Wednesday, and of course the weather turned beautiful on Monday with clear skies and sunshine through Wednesday when I left.

Dayton was the "usual zoo" but it was great to see all of the 10-10 members that traditionally meet in the cafeteria area. Lists were being exchanged and good fellowship prevailed everywhere. If you have never attended the Dayton Hamfest, consider next year. But one suggestion, make motel reservations soon. With approximately 37,000 attending, rooms become scarce anywhere around the Dayton area.



Hugh Sullivan, WA4QZU #23166
addressing the 10-10 Forum at Dayton '94

Hugh Sullivan, WA4QZU #23166, 10-10 Vice President, conducted a 10-10 Forum on Saturday. Approximately 100 were in attendance to hear the latest about 10-10, and for non-members, they were told how to join. Officers, Directors and Net Officials were introduced, and there were quite a few. Tom, K4CIH #33233, gave a briefing on the 1994 election, and Gerry, WA6POZ #21274, gave a briefing on the operations of the 10-10 Data Managers operations.

DX member guests were introduced and included David, G14SNA #61543, from Northern Ireland, Hans, DL7ATR, Kathy, DL7ANL #40952, and Teddy DL7AN #39980 from Germany. Also attending Arie, 4X6UO #45820, from Israel, and Florence, VE3PUA #47465 from Canada.

A 10-10 Net was held on Saturday evening from the Day's Inn Motel with John, N8FU as net control. The net ran over two hours. Check-ins were taken and numbers exchanged with about 80 10-10 stations. Check-ins were from around the

Dayton area as well as several states from the East and South. John, N8FU, met the challenge and kept the net running in good order!



Gerry Gross, WA6POZ #21274
explains how the 10-10 Data Manager operates



John Hugentober, N8FU #6154
as Net Control for the 10-10 Dayton '94 Net



Part of the 10-10 group at Dayton '94
Sitting - Linda Barnes, KJ4FM #43299 Director),
Dave McCardell, WD4EWB #18760, Standing -
Tom Henderson, K4CIH #33233 (Director), Gerry
Gross, WA6POZ #21274 (Data Manager)

The Future of Amateur Radio

MEET ONE OF OUR
YOUNG 10-10 MEMBERS

Novice at 11 Years Old

Meet Todd DuBon, KD4YHY #65670

Todd earned his Novice license when he was just 11 years old and after only one month as a Novice he upgraded to Tech-Plus. He is now studying for his General class license. He is a relatively new 10-10 member owning number **65670**. Todd enjoys DX and CW logging 34 countries and 40 states on his way to earning the DXCC and WAS. He is an active member of the Onslow Amateur Radio Club in Jacksonville, NC, and participates in all club functions including helping others to study for the code test.



Todd DuBon, KD4YHY #65670

When Todd is not hamming, his other interests include playing the trumpet in the school band, motorcycle riding, astronomy, and competing in statewide Martial Arts tournaments and has many championship trophies. Todd has attended Space Camp in Titusville, FL, and is in the Boy Scouts. His goals are to go to college and pursue a career in the Space Industry and maybe someday to work for NASA.

Todd's station consists of a Yaesu FT-890 and a Realistic HTX-100. He is usually on 40 meter CW or 10 meter SSB in addition to the local 2 meter repeater.

By the way, Todd's dad is Don DuBon, N6JRL, 10-10 #65669.

New Contest Manager Appointed

Director John Ellison, W0ERZ #5145, has announced that Dr. Harry A. Arsenault, K1PLR #21860, has been appointed as the new 10-10 Contest Manager. Harry replaces Harry Syring, WB1FTQ #23934, who has resigned for personal reasons after serving a long and successful tenure in the post.

Harry, WB1FTQ, became Contest Manager in 1983, after serving as DX Area Manager (except for VK and ZL Areas). Harry was appointed DX Area Manager in 1980, so Harry has served in two important positions for over 14 years. We thank Harry, WB1FTQ, for the excellent volunteer job he has done for 10-10 over these many years.

The "new" Harry, K1PLR, is not "new" to amateur radio or 10-10. He became a ham 35 years ago at the age of 11 and holds an Advanced class license. For several years he chaired contests for 73 magazine. Currently he edits the newsletter *Sidewinders on Two*. He is a member of QCWA and is an ARRL Official Observer. Professionally Harry is Chief of Urology at Yale/New Haven Hospital. Harry is unmarried and says: "If there are any eligible YL's out there who's mothers would like them to bring home a doctor, let's make a sked. Hll"

If you have any ideas for 10-10 contests, or would like to volunteer to score a contest, you can contact Harry at 48 Crane Road North, Stamford, CT 06905.



Dr. Harry Arsenault, K1PLR #21860
10-10 Contest Manager

One thing you can say about kids: At least they don't bore you telling the clever things that their parents did.

Hill Country Gathering.....

continued from page 1

Barbecue was served along with plenty of salads and desserts. There was plenty of 10-10 talk! Some contacts were made on 10 meters however, the band could have cooperated and been in better shape. Ray, N5DAS #35877, was in the hospital and could not attend, but he did get a chance to speak to many of the attendees by way of the "twisted pair" (phone).

In attendance were:

WD5EDR	Bill	23693
N5DAR	Mike	64375
WA5HWI	Hank	63313
K5MOF	Aubrey	47524
N5AFV	Allen	27571
N5NYN	Carl	51310
N5NXE	Jane	50397
N5PTR	Ed	57105
KA5OVO	Dave	37297
KA5SHP	Jeanine	41496
N5SGL	Lou	62186
W1SQM	George	51207
KA5VVD	Robert	42188
KC5CP	Mike	24949
KG5IG	Steve	48653
KA5GLZ	Ed	50356
KB5YQJ	Rusty	65025
KC5FKA	Marti	65096
KB5ZZV	Fran	66220
KA5YUR	Lee	64365
WA5CXY	Dick	11618
K4NF	Jack	50708

Everyone reported having a good time and are looking forward the 7th Annual Hill Country 10-10 Gathering next year. Watch for the announcement of next years "Gathering" in the News.

IOTA EXPEDITION

ASSATEAGUE ISLAND Accomack County, VA

The OH-KY-IN Amateur Radio Club Station, K8SCH/4 #46888, will activate rare Assateague Island, NA-139, on 16-18 September 1994. This will be a 72 hour round-the-clock operation ending sometime late in the UTC day of 18 September. The operation on 10, 15, and 20 meters will be with a beam and operation on 40 and 80 will be with dipoles. All operations will be on SSB and every attempt will be made to work as many stations as possible.

Here is your chance to confirm a 10-10 IOTA contact. Who knows, maybe 10-10 will have a 10-10 IOTA Award in the not too distant future. Send your QSL with a SASE to: John Hugentober, N8FU #16154, 4441 Andreas Avenue, Cincinnati, OH 45211.

Las Vegas Bash 94

Don Zielinski, K0PVI #9902, has announced the AGENDA for the Las Vegas Bash 94 scheduled for August 18-21, at the Hacienda Hotel.

Aug 18	Thurs	3:00PM	Registration and check-in
		6:00PM	Hospitality Suite Open
Aug 19	Fri	7:00AM	Breakfast - Cactus Room
		Noon	Lunch - Your Choice
		3:00PM	Video Tour of The Colorado Bighorn Museum in the Hospitality Suite
		6:00PM	Dinner - Your Choice
Aug 20	Sat	7:00AM	Breakfast - Cactus Room
		11:00AM	Net - 28.340 Mhz - Be sure to sign up for Net prior. Sign the Check-in Roster in the Hospitality Suite. Roll call will be from the Roster. Guest NCS KB6AN & KB6YX
		Noon	Lunch - Your Choice
		1-4PM	Hospitality Suite - Open for Forums, Specials, New Certificates, Chapter Announcements etc.
		5:00PM	Dinner - El Grande Buffet
		8:00PM	Colorado Bighorn/W5YI VE Testing Suite. Suite will be open to those who wish to test ONLY. Bring copy of your license, a photo ID and the test fee, \$5.75.
Aug 21		7:00AM	Breakfast - Cactus Room
		10:00AM	Check-out

The Hospitality Suite will be open from 8:00AM to 8:00PM each day unless something else is scheduled.

If you have not yet decided to attend the Las Vegas Bash 94, consider joining in with the group and enjoy the fellowship and friendship of a group of your fellow 10-10'ers plus the fun of being in Las Vegas. Call the Hacienda Room Reservations at 800/634-6713 now! Consider that if the slot machines are good to you, your trip could be paid for! So one can dream, can't one?

USE PACKET TO CHANGE YOUR CALL OR ADDRESS

Send your information to:

WA6POZ @ WB0BLR.IA.USA.NA

YOU WILL RECEIVE A REPLY IF YOUR MESSAGE IS RECEIVED - NO REPLY, NO MESSAGE - SEND AGAIN

from the Editors Desk

Chuck Imsande
W6YLJ #19636



Shortly after each issue of the **News** is mailed, we begin receiving phone calls and letters with the question "Where is my copy of the **News**?", or "I haven't received my copy of the **News** - has it been mailed?". First, the **News** goes to the printer usually early in the week of the date of the issue. For example, this issue, July, will be at the printer on or about July 5th or 6th. It takes about one week plus to print, address and deliver to the post office by the printer. That is for US ZIP codes. For DX, Gerry, WA6OZ, our Data Manager, places each DX copy in an envelope, and mails them via First Class, which is surface mail to DX countries. For those DX members who wish their copy via Air Mail, our DX Manager Carol, K8DHK, sends a copy direct via air mail. For this service, the DX member pays an extra Air Mail fee to Carol.

All US members should know the **News** is mailed via BULK mail. The cost for each issue is 23 cents US. The post office does not forward bulk mail if you move even though you have a "forwarding notice" on file. Bulk mail is "trashed".

Now to the real problem. Last issue we did something we have not done before. That of placing **ADDRESS CORRECTION REQUESTED** on the address side of the **News**. The post office told us that there was a 35 cent charge for address corrections for bulk mail address corrections. OK, we decided to give it a try. Well, guess what? We received over 300 address corrections! Yes, at .35 each that totals over \$100.00 added expense, plus the data service to correct the data base. The data base is not an added expense as we would expect to do that for anyone that moves.

What does all this add up to? First, over 300 members had moved, and did not advise 10-10 of their new address. Second, this cost 10-10 over \$100.00 additional expense, and third, those 300+ members did not get what they paid for, a copy of the **News**. Also, it is most likely those over 300 members did not notify the FCC of their new address. The new computer programs now available, that list all US calls, name and address, which get their information from the FCC will also be wrong!

Gerry updated the data base for each address correction received prior to the mailing of the 10-10 Election Ballots in early June. The ballots were mailed first class to US ZIP codes and air mail to DX members. With all of the address corrections made, we have now received almost 60 more address changes from the ballot mailing.

You can help 10-10 by notifying us when you move. It is simple, either a note, QSL card to the 10-10 address in Omaha, NE, listed in every issue of the **News** or by sending a packet message to Gerry, WA6POZ, packet address is also listed in each issue.

The Officers, Directors and Net Officials are dedicated to serving the membership in every way possible, but your help in certain areas is necessary. One such area is the notification of address changes.

Lastly, if you miss an issue of the **News**, back issues are available, as long as supplies last, for \$1.00 and an address label. Send your request to the 10-10 address in Omaha, and be sure to note the copy you are requesting.

BOXBORO - 1994

Once again, the biannual New England ARRL Convention will be held at the Host Hotel in Boxboro, Massachusetts. Scheduled for October 1-2, 1994, the convention is co-sponsored by the ARRL and the Federation of Eastern Massachusetts Amateur Radio Association (FEMARA). This is the third convention that 10-10 will be represented.

Ten-Ten has been extended the courtesy of FEMARA for a Hospitality Room on the first floor in the Convention area. The 10-10 Room will be open from 9:00AM to 5:00PM on Saturday and from 9:00AM to 1:00PM on Sunday. This room is open for all to stop by and meet new and old friends. Information will be available for prospective new 10-10 members.

Also, complements of Pete Matson, KC1CP #37190, and Walt Dimmock, N1FNV #48154, a hotel suite will be available. Pete and Walt will be in the suite to meet both 10-10 members and non 10-10 members from Friday afternoon through Sunday. Stop by and visit with Pete, Walt and others when the Hospitality Room is closed.

If additional information is desired, contact Walt Dimmock, N1FNV #48154, 614 Old Post Road, Tolland, CT 06084.

An-Ten-Ten-nas

By L. B. Cebik,
W4RNL, #41159

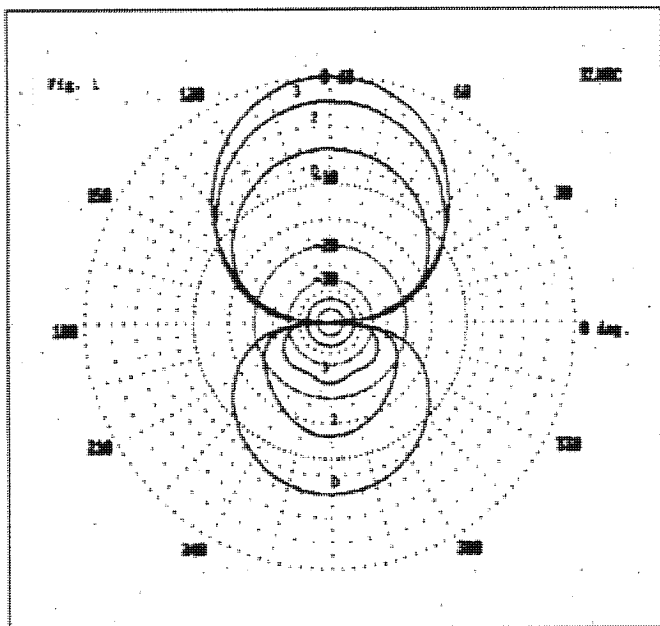
In each issue of the News, we shall try to clarify a significant cluster of ideas used in antenna work. Our object is to help you make the best decisions about the antennas you buy or build with out imposing our own prejudices on you. The more you understand, the better your choices will be.



No. 3: Where Does the Gain Come From?

Earlier, we looked at 3 antennas modeled in free space: a dipole, a 2-element Yagi, and a 3-element Yagi. All were made from aluminum tubing and all were monoband antennas with no traps or other lossy components. The patterns we showed made it clear that the 3-element Yagi had the most gain and the highest front-to-back ratio. But that does not make it very clear from where the gain comes, given a constant transmitter output.

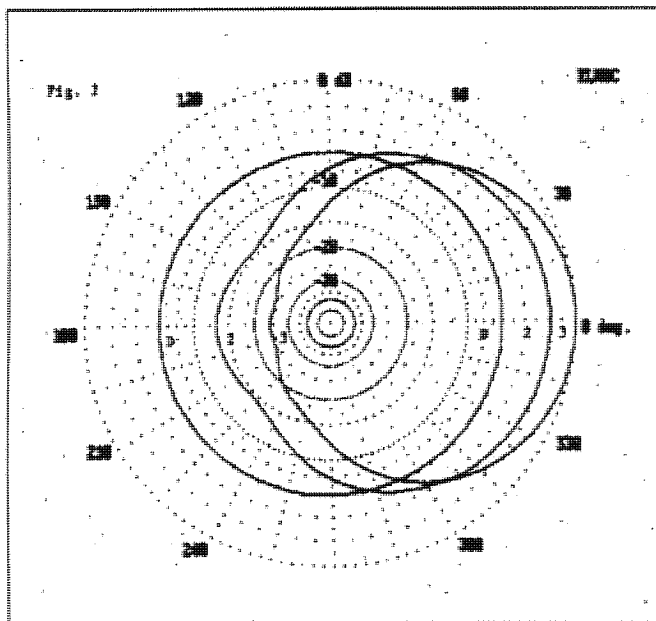
Fig. 1 repeats the azimuth patterns to refresh our memory. An azimuth pattern is like standing over the antenna and seeing its radiation. For free space patterns, we use 0° elevation, since the pattern is strongest straight on.



The azimuth pattern does not give a whole picture

of where the power is going. It does show that the beams project more power in the forward direction than the dipole, while "robbing" power from the rear. In reception terms, signals from straight ahead are strongest and weaker to the rear. However, they are weakest off the sides of the antennas.

To accurately see the power pattern of an antenna, we must also look at it from the side in an elevation pattern. An elevation pattern is like standing beside the antenna and looking through the aluminum tubes, while seeing the radiation. Fig. 2 gives an elevation pattern in free space for the same 3 antennas (3, 2, and D). Notice the displacement of the beam antenna patterns to the right, which corresponds to the forward lobe of the beam antenna azimuth patterns.

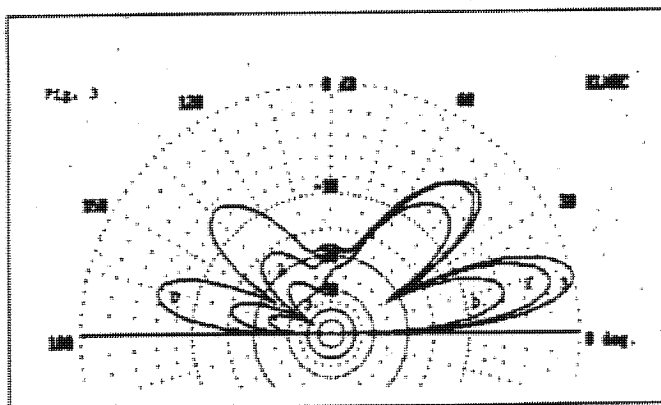


Only an astronaut can have a pattern radiating below the antenna site. Antenna gain over real ground also makes use of radiation reflected from the ground. Fig. 3 shows elevation patterns for the three antennas over real ground at 35' feet, about 1 wavelength above ground. The azimuth patterns would resemble those of Fig. 1, but they would not be taken at horizon level. Instead, they would use the angle of maximum power, sometimes called the take-off angle. The elevation patterns display this angle clearly and show that horizontal antennas above a real ground have a number of higher angle lobes as well as the main lobe. The complex pattern results from adding and subtracting reflected radiation from the above-ground pattern, depending on its relative phase.

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An-Ten-Ten-nas

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Comparing Fig. 2 to Fig. 3 can lead to a misunderstanding, since the apparent radiation pattern is the same size; that is, the radiation just reaches the outer ring. However, that way of styling our drawings is just a convenience for making comparisons within each drawing. In actuality, the power in the lowest lobe of Fig. 3 for each type of antenna is much greater than the power in just the horizontal direction of Fig. 2. Expressed another way, all of the power represented by the spheres or near-spheres in Fig. 2 is flattened, thus putting greater power into the lobes that extend horizontally. The total power in the lobes is a result of adding reflections to the main or incident power going that way. The net result is gain over free space and gain of one antenna over another. And since the gain can be both calculated and controlled by good antenna design, we can--within limits--achieve a good bit more success than early radio pioneers in making and maintaining radio communications.

Houston SHOT Moon Landing Certificate

The Houston SHOT chapter will commemorate the 25th year of man landing on the moon effective July 20, 1994. The Houston SHOT chapter will provide a free commemorative certificate for this event for contacts made from July 20th through August 31, 1994. You must work a SHOT member with an Enterprise Award, in the Houston area to qualify for the certificate. Please send an SASE with your log information to N5AFV Allen Mattis, 5314 Wigton, Houston TX 77096. You will need one stamp for a business SASE envelope or 52 cents postage for a large manila envelope. Please do not send any QSL's to Allen.

Paperchasers Reunions

It has been suggested.....

A number of suggestions for future Paperchasers Reunions have been received by Don Zielinski, K0PVI #9902, Chairman of this years **Las Vegas Bash** to be held in Las Vegas on August 18-21, 1994. The suggestions for future get-togethers are as follows:

That they be a biennial event, held during the even number years. This way they would not interfere with the 10-10 convention which is held during the odd number years. This would make it a little easier on the pocketbook.

That a different 10-10 Chapter host each event in a location of their choice.

That the previous Chairman be the Co-chair of the next event.

That the Net Control Station (NCS) be the previous host.

That Dances, Picnics, Forums, VE Testing, etc. be considered.

This is the feedback that I have received. Let me hear from you! What do YOU want? What do YOU think? It cannot be done with out YOU!

It has been a pleasure putting Las Vegas 94 together. Not really all that much work! My thanks to Gini, N7HDB #39650, for her help and input. It appears we will have a good crowd in Vegas. At this writing, with still about 10 weeks until August 18th, there are almost 50 rooms reserved at the Hacienda Hotel in addition to several staying with friends or relatives or in the RV park. All indications say it will be SUPER! Sure do miss talking with many of my old friends on 10 due to band conditions. I think this "eyeball" will be just the ticket for renewing old acquaintances and making new friends.

If you are traveling to Las Vegas by car, and passing through Colorado, we would like to take this opportunity to invite you to stop by and visit the Colorado Bighorn Museum of Amateur Radio.

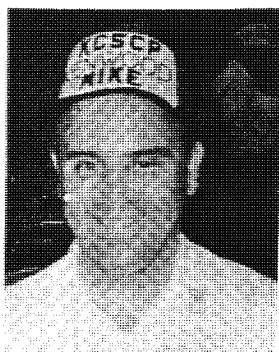
.....Don Zielinski, K0PVI #9902
Chairman, Las Vegas Bash 94

New ZIP Code for Area 9 Manager.....

For those members with a "9" in their call, note that Jim Williams, N9HHU #42712, Area 9 Manager has a **new ZIP code** courtesy of the US Post Office. The new ZIP code for Jim is **61610**.

TenX DX NEWS

By Mike Davidson
KC5CP, #24949



The **1010 CW QSO Party** has just ended as I begin to write this column and conditions were poor. I only worked a few DX stations for a total of 21 contacts. In a letter from **VK6PP** Tony #38922, he worked a few JA's, JD1 Ogasawara, HS Thailand and BV4 Taiwan but no one with a 10-10 number! I have been operating mostly on the weekends where I was able to get enough material to put together this Spring article, but the number of DX contacts was much lower this quarter.

The count of **10-10 Countries** is still **269**, as no new activity has been reported this past quarter. We missed an opportunity to add **1S Spratly Isl.** by **9M0A** operated by JA1QHO #61599 and others, but a large Solar storm in April changed propagation. They stayed mostly on 15-80 and I do not think there was any 10-10 activity from **Spratly**. We had 21 DX stations join 10-10 this past quarter and the majority were from Japan.

Propagation: Solar flux will average **78-96** in 1994 which will be lower this DX season than last and solar flare activity will produce disturbances and no skip. Expect dips down to **68** and high **A** indexes greater than **20** and the **K** index greater than **5** will occur about **25%** of the time. I expect future DX Propagation will be limited to North & South paths into S. America and the Caribbean areas. Expect sporadic stateside E Layer conditions to be one hop short skip with fading, which will last until the winter **DX season** brings back better conditions in **October**. Expect this to last two more years until we begin the next Solar Cycle in the spring of 1996. Remember to listen for the (28.2-28.3) beacons when you want to check band conditions.

D3C Angola by Chris **D2SA** (ex-**TR8SA**) #45817. Chris used this special call for a limited time as he mostly operates as **D2SA**. I have worked Chris several times and recently received a card from his QSL manager **F6FNU** Antoine Baldeck, Agru 1, Rue Abdre Lamande, F-64200 Biarritz, France. Look for Chris around 28500 at 1500-1600.

XX9AS Macao by Alberto #63429 and a Finish group operated **XX9TR** & **XX9TZ** during Easter.

Feature DX Station: **A35CT** Tonga is Craig **WD0AHX** #39172.

Craig and I worked in April and I had to look up his 10-10 number for him on the computer, he had misplaced his number. Craig moved to Tonga about two years ago to be a computer center manager and expects to be there another year. He uses a Kenwood TS530 into a hand rotated TH3 beam up 20 feet and a R7 vertical. A year ago, a cyclone came through Tonga and damaged his antennas but he has repaired them and is back on the air. Craig told me he likes to eat lobster which cost a dollar each but lettuce is eight dollars! Tonga is one of 175 islands in their island group of which 24 are inhabited and on his island there are only three HF amateur operators. In Tonga the band opens to the US by 2200Z so look for him on 28505 and later on RTTY on 20 meters 14087 at 0300Z. QSL to Craig, Box 2990, Nukualofa, Tonga, South Pacific.

Z31JA Macadonia by Venco (ex-**4N5JA**) #23427. I am still waiting on a QSL sent to **YU5XVD** (maybe wrong) and **YU5XTC**. Any better route?

9I2M & 9I2Z Zambia by **DL7VTM** Holger (ex-**Y58IO**) #22401 and **DL7VLA** Brigit (ex-**Y58AO**) #62276. We worked in the **CQWW WPX SSB** contest for a new prefix. QSL via **DL7VRO**.

ZS8MI #64647 Marion Isl. I have not been able to get any information about the new radio op that replaced Christy **ZS1CDK**. If his replacement is not an amateur, **ZS8MI** could be inactive for a year! Christy is now back home answering his mail, so be patient if you sent a card.

S92SS Sao Tome, W. Africa by Charles (ex-**A2AA**) #16955 was the first Africa I worked in over a month on June 4th. Charles listens to the beacons on ten to determine propagation. He listens for **W3VD** beacon on 28295, if he hears the beacon (1.5W to a vertical), he will begin calling CQ. I gave him Carol **K8DHK** address where he wanted to renew his dues. QSL to Box 522, Sao Tome, W. Africa and include postage.

AH6IO Hawaii by Richard #29407 was in **Kalawao** county June 4-6. He will be operating **V7X Marshall Isl.** for the October **CQ WW SSB** contest. Richard is the sysop for a packet cluster in the Honolulu area. QSL Richard La Chance, 263 Kalulani Ave 10-A, Honolulu HI 96815.

6Y5MA Jamaica by Pat #62242 who joined 10-10 in May 1992. Pat's friend **KO4VC** Gary #58362 from Alabama came to Jamaica to get married and introduced Pat to 10-10. Pat soon got his number and now has over 1000 numbers collected. Pat said

.....continued on page 11

TenX DX News

continued from page 10

"I like it best when I have no skip to the US so I can work Europe and Africa!" Pat has a Kenwood TS440 and a R5V vertical. His A3 beam is broken but Gary will bring a replacement on his next visit. Look for Pat on 28410 at 2000Z where you can get his SpringBok number. Pat is a veteran DX op from the '85 Navassa Dxpediton. QSL Pat Morrison, Box 240, Kingston, Jamaica.

WP4CTD Puerto Rico by Elie #66138 has been in **Saint Germany, P.R.** for a number of years but just recently joined 10-10. Elie is active around 28490 from 1900Z. He is using a vertical but he has a beam ready to go up very soon. QSL via callbook.

ZP5RG Paraguay by Malcolm #5940 has had his 10-10 number for over twenty years. He has had calls CP1DN, PT2ZAB and 8R1R during his 25 years as an amateur. His old Kenwood TS930 recently broke and he replaced it with a TS850 which he calls his new toy! Look for him on 28476 after 2300Z. QSL via callbook.

V21BF Antigua by Alan #64624 running a Kenwood TS450 into a 20 ft fiberglass vertical. He is building a 60 ft tower for a KT34A beam and a two element 40 meter beam. He also operates thru the RS12 satellite. I asked Alan about his QSL experience and he told me the following: "Out of 20 US QSL cards, 6 will have no postage and the remainder will be half green stamps and half IRC coupons." He received his license in May 93 and became a member of 10-10 in September. Look for him on 28465 after 2000Z. QSL Alan Scholl, Box 2397, St. Johns, Antigua, West Indies.

CY9 St. Paul Island June 10-19 by WB9OBX/CY9 Ken #24252 and a group of US ops. QSL K0SN. September 19-25, a group with **N0TG** Randy #12990 & **AA4VK** #12423 will be on the island.

FO5VO French Polynesia in May by N6VO Ron #9550 mostly on CW. QSL via callbook.

10-10 ISLANDS ON THE AIR (IOTA).

NA-138 Amelia Isl Florida by W5IJU Vance #63352 who lives there (listen on 28495). **NA-029 Prince Edward Isl** by KA2PHQ/VY2 #36399.

Letters & Cards Received:

DL3EAY by Klaus #42003 wrote with a correction as follows: "DL3EAY is not the QSL route for DL7VTM (ex-Y58IO). QSL via bureau or callbook. If anyone wants to send QSL direct to Holger please write to the address given in several publications but change the zip code to 12687 Berlin **Germany**." Because Germany has high postage rates, Klaus sent his

letter via the Netherlands. His last 10-10 News took three months via surface mail to get to him. Klaus, age 51, has been a member since early 1986.

VK6PP from Tony #38922 in **West Australia**. He sent me a list of 38 different 10-10 DX stations (11 countries) he worked from January to May. The best QSO was **ZS8MI** Christy on **Marion Isl.** on April 24th. He and **VK6NKB** Brian #54204 were the first VK's Christy had worked on ten. The band was open to S. Africa almost daily. The 10-10 CW contest was quiet and he only worked a few non 10-10 stations during the contest, mostly JA's. He monitors the Zimbabwe beacon Z21ANB on 28250. QSL Tony George, 11 Manxton Way, Lynwood, WA 6147, W.Australia.

KC4RHW by Jim #57051 and **KC4LOR** Steve #56976 on 28425 keep me informed about the **ZS SpringBok** chapter. They have not had any contact with ZS since mid May. The newest SpringBok member is **KL7LA** Rosemary #31437 in Alaska. Jim just worked a very rare **long path** contact with **ZK1DA** David #37809 on **South Cook Isl.** The morning signal out of the south east was 59 and was very late at night for David.

JH1UUT Sadayuki Satoh "Yuki" #32970 wrote about the **bad** conditions from Japan to the US. In is planning a September 1-6 trip to Rota Isl., in the Northern Mariana group, for the All Asian DX contest with the call **KH0/JH1UUT**. He reminded me we first worked in January 1983 and now he has three QSL cards from me for other contacts. QSL to Sadayuki Satoh, 5-1-10 Oozo Utsunomiya, Tochigi 320 Japan.

I want to thank everyone for the letters and photos that you have been sending. 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*

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 computer 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.

10-10 SILENT KEYS

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

95 W6EBK	John P. Brus, Baldwin Park, CA
964 W3CBP	Floris C. VanReuth, Baltimore, MD
1901 W6ASN	James F. Brady, Alameda, CA
2610 W9MZZ	Fred F. Russell, Jr., Dousman, WI
3199 WB4NKR	Clara B. Stables, W. Palm Beach, FL
3588 W8KWI	Wayne S. McDaniel, Frankford, WV
3659 WA3EBP	George J. Meyers, Jr., Wyomissing, PA
3666 K4FCW	James H. Keyes, St. Petersburg, FL
3875 WA6HBX	William L. Johnson, San Diego, CA
4705 W7LAM	Meade M. Padgett, Lewiston, ID
5182 W4JCJ	Irving M. Sears, New Port Richey, FL
6036 K2UK	Edward N. Ludin, Cherry Hill, NJ
6423 W5ZI	Frank R. Whitaker, San Antonio, TX
6997 K1IUA	Stanley Gwordz, New Britain, CT
8408 W5BE	Leslie B. Essington, San Antonio, TX
8696 W9QJE	Jerome H. Kleker, Deland, FL
8918 K6YCS	Ralph Harkless, Inglewood, CA
9735 W3BB	August W. Kurz, Boynton Beach, FL
11046 WA5NIB	John C. Darby, Lubbock, TX
11322 KH6IE	Arthur T. Lausten, Aiea, HI
11660 VE3IR	Robert S. Rennie, Agincourt, ONT
11882 W6SMP	Jack White (ex-KL7AH) Escondido, CA
12016 K00OW	Herbert W. Olson, Richfield, MN
12607 W1HBB	Philip E. Broeg, Burlington, MA
14230 W5HKA	Luke B. Dodds, Grapevine, TX
14252 W5FET	Thomas H. Shelby, Tyler, TX
18719 KC3QH	Robert J. Roth, Frederick, MD
19428 W00EHS	Vivian K. Scott, St. Louis, MO
19638 WA6TIW	Ed H. Howe, Stratford, CA
21781 N5AQJ	Westleigh A. Carlseen, Gulfport, MS
22146 WA4YMM	Marie S. Presler, Fayetteville, NC
22419 WB3IEY	Charles J. Jenks, Erie, PA
22620 KOAB	Edward L. Wood, Elizabeth, CO
22713 WA1YZA	James C. Whitney, Torrington, CT
22808 W5AFK	Ralph Schilling, McAllen, TX
24740 WA4VWG	Joseph L. Vesey, Albany, GA
25075 WA6HRY	Ben Caplan, Canoga Park, CA
25230 W2FYY	Frank R. Zayac, Boonton Township, NJ
26953 W6OVA	Frank F. Kates, Newbury Park, CA
28168 WA1UIV	Edgar Overstreet, Springfield, MA
28702 N3AUI	William H. Dixon, Cheswick, PA
28883 W16L	Corwin A. Roberts, Albany, CA

29067 K7ISW	Paul B. Fournier, Forsyth, MT
29133 KC4XI	Wallace O. Alewine, Iva, SC
30550 K83LR	John W. Good, Williamsport, PA
34527 WA4EWJ	Roger L. Deakins, Titusville, FL
34544 KP4AKR	Jose A. Olivencia, San Sebastian, PR
35387 N1CCV	H. Duane Woodlee, Dedham, MA
35412 W8OMH	Lynn A. Schubert, Findlay, OH
35569 K83FT	Wayne L. Kinney, Baltimore, MD
36444 KE4CV	James Marsh, Simpsonville, SC
36530 K0BEJ	Linda Wells, Owosso, MI
37539 N2EJU	Theodore M. Klein, Sunrise, FL
38515 WY7B	E.W. "Mac" McMillen, Morgantown, WV
40544 NI2B	Raoul Elton, Danbury, CT
40691 KA0IVB	Irvin E. Mosford, S. St. Paul, MN
41000 W3NFG	Richard F. Stafford, Jr., Easton, MD
42131 K85AAQ	Laurence C. Braunig, Shreveport, LA
42178 AA5FX	George I. Hardwick, Odessa, TX
42619 W800ZP	Lewis L. "Tex" Hamilton, Lakewood, CO
43912 KD2MR	Russell E. Harrison, Chittenango, NY
44269 KM4ZE	James W. Blair, Crescent City, FL
45241 WB1APA	Lester D. Meserve, Hingham, MA
45795 K6MPN	Landry G. Doster, Redwood City, CA
47127 K6JJU	John Gordano, Redwood City, CA
47366 KC4BHY	Joseph J. Savoca, St. Augustine, FL
47695 N7LQS	Kenneth D. Gardner, Flagstaff, AZ
48521 W6ROW	Edward C. Bosco, San Diego, CA
49393 WB5BNU	Robert A. Nelson, Dallas, TX
49692 K9HYE	Vernon L. Shetler, Sterling, IL
50927 KA6SPZ	John R. Croyt, Palmdale, CA
50941 W6VKF	Clarence E. Ware, Concrete, WA
52367 WA3PCX	Franklin J. Barlock, N. Versailles, PA
54791 WA6YEM	Len Wade, Saratoga, CA
57056 KC4LYH	Kenneth Easley, Morristown, TN
57393 KB9FUE	David L. Rhodes, Holly Hill, FL
57849 K1ETT	Joseph F. Marcin, Jr., N. Andover, MA
58666 N9JMA	Michael J. Ceraso, Chippewa Falls, WI
60703 AC4HA	Theodore G. Morita, Titus, AL
61037 K88JVS	William Collins, Hubbard, OH
63261 KD4REN	Ivan S. Smith, Fort Bragg, NC

Please send all Silent Key listings
and/or corrections to:

Grace Dunlap, K5MRU #218

Silent Key Manager

PO Box 445, LaFeria, TX 78559-0445

Please include the SK's Name, Address,
Call and 10-10 Number

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, including a picture, about your "young ham" to the Editor, address on page 2.

WANTED 1000+ BAR MANAGER

10-10 is looking for a 1000+ BAR Manager. If you are interested in volunteering for this position, please send your offer to serve along with a brief resume to:

John Ellison W0ERZ #5145

10-10 Director

2 Douglass Lane

Kirkwood, MO 63122

Chapter Coordinators Column

David Prichard
KA5OVO
#37297



Affiliated.....Texas Gamblers

Reaffiliated.....None

No Longer Affiliated.....*No report for 15 months.....*
North Star, Ten Bar X, Tuin NW DX Club, and VK4 Gold Coast.

IN EXTREMIS.....*Report by September 15, 1994.....*Aftershock, Berlii Bears, Choctaw Bay, Lancastrian, Laurel Marcunim, Lindberg, Okie Relays, Peach State Pendlewitch, and Steamboat.

What's New?.....

AIR CAPITOL (K5ERJ)....The Sunflower seal issued at Wichita is not collectable. Due to declining propagation, part 1 of the Pilot requirements (the Cross Country), has been dropped. Those working on the Pilot should complete part II only.

BOOMTOWN (N5EBA)....Receive a one point upgrade for each Roughneck worked.

CITY OF LIGHTS (NA9A)....CM listed in the Certificate Guide is not correct. It should be Ron Kennedy, N9KBJ, 2068 Radcliffe, Aurora, IL 60506.

CITY OF ROSES (K7QXG)....Formal Saturday net is discontinued until 1 October 1994. Regular Monday night net will be run as usual.

COLORADO BIGHORN (K0LY)....For those not aware, the new CH/CM is Lee Tingle, K0LT, 1791 Danube Court., Aurora, CO 80011.

COLORADO CENTENNIAL (N0CKW)....The rising cost of printing has brought about a change in the basic certificate. The new basic pictures the Moroon Bells, and current members wishing a copy with their number can send 50 cents and 2 FCS.

ELECTRIC CITY (WB1DBZ)....Value for the WAS award has been increased to 25 points. Current

holders will have their point value raised to reflect the change.

GATEWAY (W0RTV)....Chapter looks forward to the 10-10 Annual Board of Directors meeting to be held in July in St. Louis, and hope anyone in the area will come and meet with the Chapter and Board Members.

MOKAN TENERS (N0HBH)....The net frequency has been changed to 28.400. Everyone is welcome to check in.

NIANTIC BAY (KC1CP)....The value of the WAS and working 25 FS/AFS members has been increased to 25 points each. Current holders will have their point value increased with their next upgrade.

SAM CLEMENS (WB2SGI)....Chapter now has a new certificate manager and has caught up on almost all of the back upgrades and applications. CM is Has Carter, KA1VFN, PO Box 0070, Winsted, CT 06098.

SPEEDWAY (KB7DGZ)....CM now has a new address. Upgrades and applications go to: Dave Walton, PO Box 519, Eagle Creek, OR 97022.

STARLITE (KF0MI)....Having taken over the Iowa River Valley, and Armchair Fisherman, Bob Halliday has now also taken over the STARLIGHT as CM. Address is 2223 Yankee Avenue, Duncombe, IA 50532.

STEEL CITY (AJ9C)....Chapter has changed the start time for the Sunday Net to 1630 UTC (Winter) and 1530 UTC (summer) on 28.420.

TEXAS GAMBLERS (KA5YUR)....Pleased to announce our newest affiliated chapter. Certificate has been around since the first of the year, but is now a 10-10 Chapter. Send all mail to: Texas Gambler, 821 N. Ann, Rockport, TX 78382.

OTHER NEWS.....I've had requests from the CM's of Camillia Capitol, Earthquake Country, N6SNO, that all upgrades be held until he has his computer repaired and he has recovered from surgery. Also has the same request from the CM of Dancing Dolls and Queens and Kings, K7CZQ, that upgrades be held until she has recovered from surgery. You might also hold upgrades for South Texas Light Horse Brigade for a while as the CM, N5DAS, is just out of the hospital recovering from a heart attack. Your patience will be appreciated on these matters.

I had to miss the 10-10 gathering at Dayton this
.....continued on page 14

Chapter Coordinators Column

continued from page 14

year, and from the reports I've received, this was a good year to miss with lots of rain and cold. It was the first time I've missed Dayton in 10 years and I missed getting to visit with the many members that attend. I did manage to make the Texas Hill Country Gathering at N4NF's and it was well attended with members from Texas, Rhode Island, Mississippi, and New Mexico. Several chapters were represented and specials were given out.

With the decline of the sunspot cycle, it becomes most important that the chapters keep their members active with their weekly nets. We need to keep 10 meters active during the worse conditions.

If I can work things out, I hope to see many of you at the 1994 Paper Chasers Reunion in Las Vegas.

REMINDER TO CHAPTERS.....To remain affiliated with 10-10, all chapters must file a quarterly report at least once a year. This information is printed in the *10-10 Awards Guide* and in the Monthly Guide updates. We do not want to have our members waste their time and money to support a chapter that is no longer active.

I must have my report to the Editor of the *News* by the 15th of March, June, September and December. If you want to see information about your chapter in this column, I must receive your information by the 10th of those months. Chapter information is printed on a space available basis, and sometimes we can't print everything we receive. If you want to be sure the information in the *10-10 Awards Guide* is accurate, you should send me a current copy of your membership requirements as I can only print what information I have.

Change of Address

To change your name, update your call or change your address, send the information, just as soon as you know it, to the following 10-10 address:

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

Do not send to the Editor or to your District Manager as this will delay your new information getting into the 10-10 data base, and may cause you to miss the next issue of the **NEWS**.

CORRECTION

1994 WINTER SSB CONTEST

The **City of Lights Chapter**, scorer for the 1994 Winter SSB Contest has found an error in the results of the USA District Winners published in the last issue of the *News*. The following is the corrected list of the USA District Winners.

USA DISTRICT WINNERS

CALL	QSO's	POINTS
1 KA1YIY	207	388
2 AA2AH	143	248
3 WY3T	264	469
4 K4CIH	229	437
5 WB5PNL	320	609
6 WB6ROU	293	520
7 KI7RK	66	124
8 W8PJY	105	196
9 WN9P	536	992
0 K0LT	152	269

A Note from Hiram Wolf, W4NWP #32033

10-10 VP Certificate Manager

I wish to thank all of the members who wished me well and did not complain that the certificate was a little late during my recent illness, but now I am back on schedule with no backlog.

It is now my turn to complain about the information not being included in the VP-100 lists. Computer print outs with no 10-10#, no VP# of the applicants, no proof of paid-up membership, and number one is the absence of return postage. **Please**, include all information with your applications, and don't forget the return postage!

New Life Members

It is with pride we honor the following 10-10 members who have become **Life Members** of 10-10 during the period from 1 March 1994 to 31 May 1994.

24501 W3QYL	62368 KB0JYB
26456 VK4HU	63728 N7ZWF
39812 KA1MTY	64283 WB2VSZ
43253 KB4OHX	64342 KB5VTB
46785 W19SVD	65767 KE4AAZ
58711 N1CQI	65771 N2JGS
61773 WB2YVW	

You too can become a **Life Member** of 10-10.

See details on page 31.

W6OI #109 ON THE AIR

Morrie Goldman, W6EHM #4189
Trustee, W6OI #109 10-10 Club Station

The 10-10 Club Station, W6OI #109, is available to any current (dues paid) 10-10 member or chapter for use as a special event station, Field Day station, etc. Make written application, with dates of operation, purpose of operation, and any other information to: Morrie Goldman, W6EHM #4189, W6OI License Trustee, address on page 2. Include a photo copy of your Amateur License. Applications for use will be considered on a first-come basis. Earliest post mark will count for conflicting dates.

26-28 August 1994

Robert "Pat" Ryan, KC6VVT #58021, is interested in having 10-10 represented "on-the-air" during the ARRL Southwestern Division Convention in San Diego 26-28 August 1994, and hopes to organize a San Diego Chapter. Booth space may be limited but he plans to get a table and set up a mobile display.

1-2 October 1994

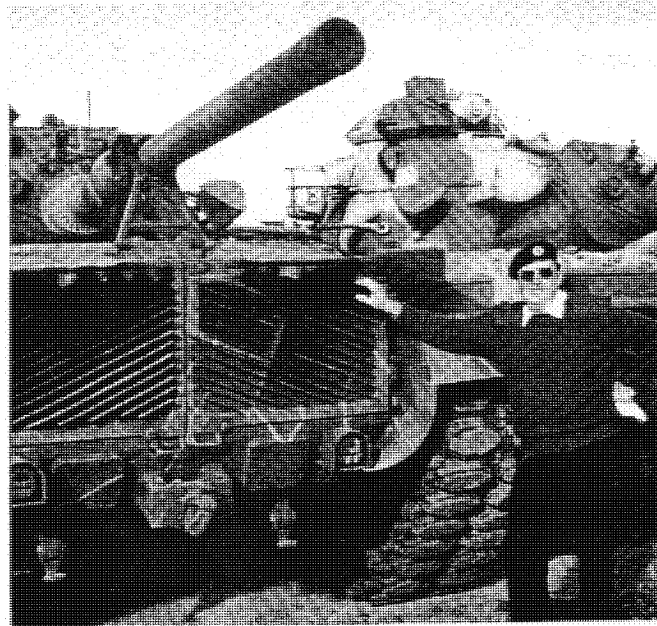
Pete Matson, KC1CP #37190, one of the 10-10 Directors, will represent 10-10 at the Boxborough MA, Hamfest the weekend of 1-2 October 1994. A 10 meter station using the club call of **W6OI/1**, giving out 10-10 number **109**, will be operating in the 10-10 room just off the Restaurant Court. In addition, Pete and Walt, N1FNV 48154, will have a hospitality room set up on 30 September and 1 October on the second floor. All are welcome.

WANTED

Someone to score the 1995 CW and SSB
CONTESTS

Send your offer to the Contest Manager
ADDRESS LISTED ON PAGE 2

ELMER



John Teale, N7KFV #52018, is presently living in Silverdale, Washington. Silverdale is near the Banger Submarine base and John lives close enough to the base to be within bugle call hearing of the various bugle commands which are played daily. "It's like being back on the Northwest Frontier. All that's missing is Shirley Temple and Victor McLaglan" John says. John is fondling one of his more lethal 'transmitters'. "They transmit heavy messages to the enemy, but I prefer my new ICOM IC-737 to talk to 10-10 members".

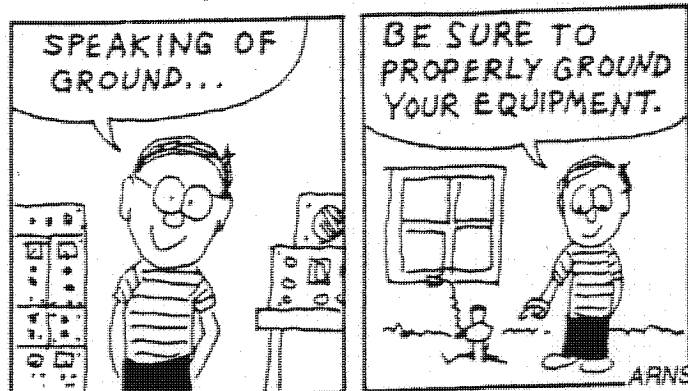
John is in his Corps of Royal Engineers (British Army) uniform in the photo but since this photo was taken in 1987 he has retired and is living a life of ease following two successful open heart surgery operations in 1991 and 1992.

Think about it.....

You're never too old to learn something foolish.

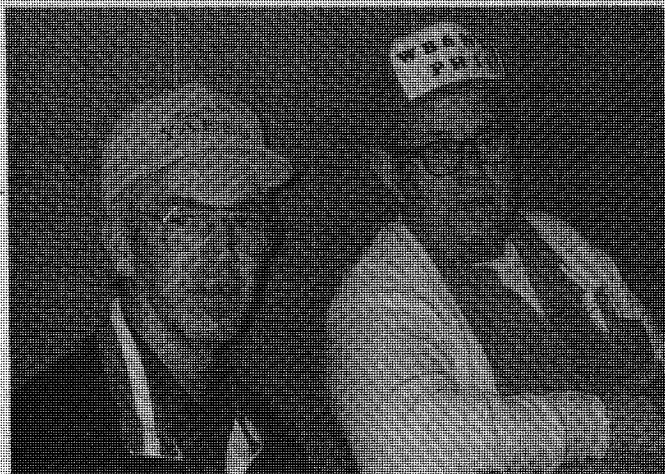
It's better to give than receive, besides; it's deductible.ARNS

By Richard Regent, K9GDF

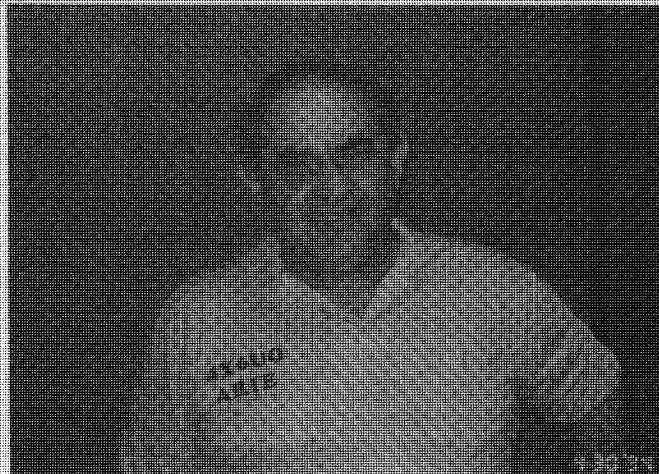


The 10-10 Photo Album

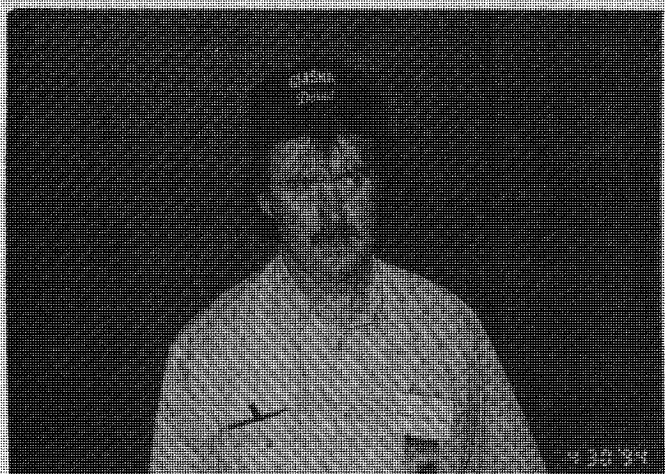
DAYTON HAMVENTION 1994



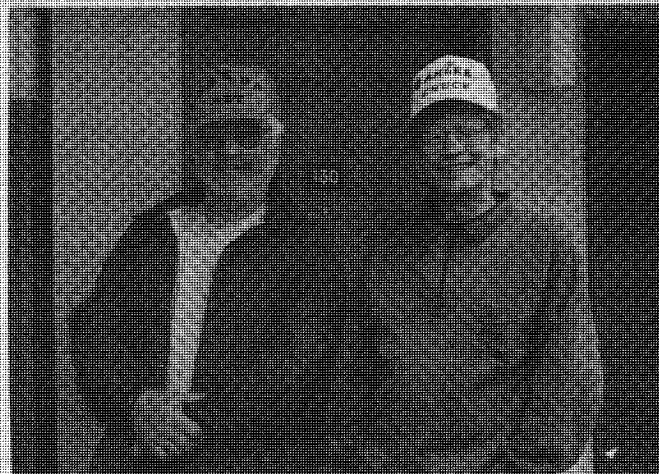
Mike, KC8MM #29535 and Phil, WB6NYM #17996



Arie, 4X6UO #45820



David, GI4SNA #61543



Art, N0KDA #47266 and Chuck, AH6KB #19630



Hans, DL7ATR, Kathy, DL7ANL #40952 and
Teddy, DL7AN #39980



Ruth, N0KDB #48734, don, K0JPW #4541,
and Ken, K1IEQ #31363

50th Wedding Anniversary



Elizabeth and Ed Corliss, K5DIT #50

Ed, K5DIT #50, and Elizabeth Corliss celebrated their 50th wedding anniversary on 8 April 1994. Their three children gave them a surprise party on 9 April at their home in El Paso, Texas. Daughter Barbara Kathka from Monterey, California. Son Robert Corliss and family from Waco, Texas. Daughter Nancy Gross and husband Monty from Ruckersville, Virginia. Five grandchildren from Arizona, California and Texas and one great grandson along with many friends celebrated with them.

New ZERO District Manager

Debbie Peterson, KF0NV #43402, has found it necessary to resign from her duties as the ZERO District Manager for personal reasons. We thank Debbie for her many hours of volunteer service to 10-10 and hope she can still find time to participate in all of the 10-10 activities.

The ZERO District duties have been assigned to Gerry Gross, WA6POZ, the 10-10 Data Manager. New applications and renewals for all with a "ZERO" in their call should now be sent to Gerry at the address listed under the Area 0 District Manager on page 31 of the *News*.

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 photos. Be sure to include identification of the persons or activity.

Board of Directors Actions

The 10-10 Board of Directors has taken the following action, and has released the following statement.

"The Board of Directors of 10-10 has reason to believe that N7KRS is not and has not been a valid Amateur Radio call sign, and therefore, cannot hold 10-10 number 50268. Therefore, unless contrary evidence is forthcoming, N7KRS is deleted from all standings lists, 10-10 awards lists, and the 10-10 roster. Future contacts with N7KRS will not be valid for any 10-10 awards or contests. Affiliated chapters may remove or retain this call on their rolls at their option."

Address Correction Update...

Just before sending this copy of the *News* to the printer, Gerry, WA6POZ, our Data Manager called me to give me the latest tally on address changes from the mailing of the Election Ballots. We have now received just over 100 address corrections from the post office. WOW! In addition, we have received four ballots that were sent to the Ft. McHenry Chapter - *without postage*, so they were returned to the Omaha 10-10 address for lack of postage! No wonder the cost of doing business for 10-10 continues to increase!from the Editor



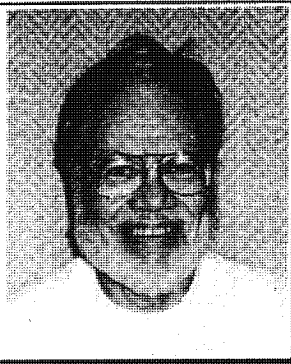
Craig, KD4PWK 10-10# 64414

New Plaque Prices

Due to ever increasing costs, the cost of plaques for the 1000 BAR are now \$7.00. Plaques are available for 1000, 2500, 5000, 10000 contacts. Send your order for plaques to the 1000+ BAR Manager.

Paper Chasing Personalities

Chuck Albrecht
N0CKW #8105



For the last two years I have been writing this column to inform 10-10'ers of the many aspects of paper chasing. I must have covered the subject well as has been proven by the small numbers of letters asking for more detailed information. At this stage of my efforts I have decided to change the title of this column as you can see. I have always felt that one very popular aspect of the **10-10 News** has been photos so that 10-10 members have the chance to see what others look like. It is one thing to talk to others on Amateur Radio, but it is another thing to see their picture. Following in this train of thought I want to go a step farther and **SPOTLIGHT** some of the 10-10 members that you hear regularly on 10 meters.

I have gone out on my own to pick the first 10-10 Personality. He is one of the most heard stations we have in 10-10. However, for future upcoming **SPOTLIGHTS**, I call upon you the reader to help chose those whom you would like to see **Spotlighted**. Please send your nominations for future **Spotlights** to me at 532 Florence Street, Aurora, CO 80010-4227. If you would like to see yourself in the **SPOTLIGHT** include an outline about your background along with a photo (head and shoulders). Please include your phone number in case I need to call for additional information.

Now lets get on to the **Summer 1994 Member Spotlight: Marvin Hagan, WB2SJQ #6090.**



Marv Hagan
WB2SJQ #6090

Marvin lives in Woodmere on Long Island, New York. He spends his Winters in Boynton Beach, Florida. He has been an avid 10-10'er since 1972. Marvin was first licensed back in 1964 and holds an Advance class license. He has collected over 290 basic awards from 10-10 Chapters and has them filed in 5 albums.

Marvin is currently serving on the 10-10 Board of Directors and is Chapter Head of the LIARS-II Chapter. He is also the Certificate Manager for the LIARS-I and LIARS-II along with the Metro Chapter. He states that the most enjoyable part of the hobby of Amateur Radio has been meeting all of the great people invloved.

Marvin's MOTTO is "You get out of it what you put in". *Author's Note: I first had a QSO with Marvin back in 1980 and for all of those 14 years I have felt that he has been one of the most congenial and sincere persons that I have met on Amateur Radio.*

Marvin is a graduate of North Carolina State College in Raleigh and retired in 1986 after forty years with a large textile conglomerate. Besides "hamming it up" Marvin's passion is the game of golf. He claims his skill is, "A poor version of the game", but I have heard from other sources that he plays very well. Hats off to Marvin, WB0SJQ #6090, our **Spotlight** for Summer 1994.

August Paper Chaser's Bash - By the time you read this column it will be almost time to attend the 1994 Las Vegas Bash being held at the Hacienda Hotel in Las Vegas, Nevada on August 18 through August 21. I hope by now everyone planning to attend has made reservations with the Hacienda Hotel. I look forward to meeting everyone there.

.....73, till next time, Chuck, N0CKW #8105



Mike, K7PRZ #46733 and Tom, KF0ZJ #55241

Wanted - Attorney

A 10-10 member who is an attorney that is willing to help the 10-10 Board with simple legal decisions relating to review of contracts, protecting the 10-10 logo, and other minor legal items which may arise from time to time. Send your offer to help to the Editor, address on page 2.

10-10 NET GUIDE

Current as of June 15, 1994

ZDAY	ZSUM	ZWIN	CHAPTER	LOC	FREQ	ZDAY	ZSUM	ZWIN	CHAPTER	LOC	FREQ
ALL	0030	0130	NORTHWEST FLORDIA	FL	28375	MON		2230	CHIEF ANDERSON	IN	28785
ALL	0300	0400	CHIEF SEATTLE	WA	28625	MON		2300	PLATTE RIVER	NE	28460
SUN	0001	0100	CLIFF DWELLERS	CO	28883	MON		2359	BEAVER VALLEY	PA	28480
SUN		0210	TWENTY EIGHT (1st)	VK	28560	MON		2359	ERIE EXTENSION CANAL	PJ	28330
SUN		0830	TWENTY EIGHT (2nd)	VK	28560	MON	2300	2359	MI WATER WONDERLAND	MI	28343
SUN		0800	MONT VENTOUX	F	28725	MON		2359	SANTA FE TRAIL	IN	28695
SUN	0700	0800	RHONE ALPES	F	28440	MON	2300	2359	TROTTERS & PACERS	NJ	28755
SUN	0830	0930	BORINAGE	ON	28785	MT	2330	0030	ELECTRIC CITY	FL	28425
SUN	1400	1300	FT McHENRY/YD KRITCH	MD	28840	MT	2330	0030	CHIEF KILLBUCK	OH	28490
SUN	1300	1400	ARLINGTON	VA	29200	TUES		0001	WHITEHOUSE		
SUN	1300	1400	MANCUNUM/ LANC/PW/GB10	G	28860				(11 SEPT - 10 OCT)	DC	28475
SUN		1500	LAKE GENEVA	HB	28416	TUES		0030	SKY BLUE WATERS	MN	28320
SUN	1500	1600	MARDI GRAS	LA	28433	TUES		0100	WHITEHOUSE		
SUN		1600	PLATTE RIVER	NE	28750				(23 OCT - 10 SEPT)	DC	28475
SUN		1600	SPRINGBOK	ZS	28425	TUES	0100	0200	COLORADO CENTENNIAL	CO	28340
SUN	1500	1600	STARK CO MUT AID (CW)	OH	28150	TUES	0100	0200	THUNDERBIRD	AZ	28475
SUN	1545	1645	STARK CO MUT AID (SSB)	OH	28800	TUES	0130	0230	BAUXITE	AR	28470
SUN	1600	1700	SKY BLUE WATERS	MN	28715	TUES	0130	0230	CITY OF LIGHTS	IL	28720
SUN	1600	1700	STEEL CITY	IN	28420	TUES	0230	0330	CITY OF ROSES	OR	28450
SUN	1600	1700	LAND-O-LINCOLN	IL	28380	TUES	0230	0330	GOLDEN BEAR	CA	28485
SUN	1630	1730	POSSUM TROT	NC	28345	TUES	0300	0400	BAY AREA	CA	28475
SUN	1800	1900	BROOKLYN BRIDGE	NY	28850	TUES	2200	2300	PESHTIGO FIRE	WI	28360
SUN	2000	1900	CHOCTAW BAY	FL	28473	TUES		2359	CHATTANOOGA CHO CHO TN		28380
SUN	1800	1900	COLORADO BIGHORN	CO	28740	TUES	2259	2359	FT McHENRY/YDR KRITCH MD		28370
SUN	1800	1900	LIARS/LINDBERG/ METRO	NY	28850	TUES	2300	2359	GREAT LAKES	AZ	28480
SUN		1900	PARROT	MI	28820	TUES	2359	2200	PEACH STATE INT.	GA	28420
SUN		1900	NORTH STAR 49'ER	AL	28350	T/W	2300	0001	QUEENS & KINGS/D DOLLS	MT	28805
SUN		1930	BLUE & GRAY	KY	28760	T/W	2330	0030	MINUTEMAN 2nd, 3rd, 4th	MA	28609
SUN	1830	1930	TWIN TIERS/CHENANGO	NY	28805	T/W	2330	0030	NUTMEG (SO. N. E.)	CT	28690
SUN		[1]	TWIN TIERS/CHENANGO	NY	28335	T/W	2330	0030	REPUBLIC OF TEXAS	TX	28560
SUN	1930	2030	GOLDEN SPIKE	UT	28425	T/W	2330	0330	MINUTEMAN 1st	MA	28409
SUN	2000	2100	TEXAS GAMBLERS	TX	28333	WED	0001	0100	BLUEBONNET	TX	28625
SUN	2030	2130	AIR CAPITOL	KS	28775	WED		0100	C.A.T.T.	OH	28800
SUN	2100	2200	AMERICAN EAGLE	VA	28340	WED		[1]	C.A.T.T.	OH	28490
SUN		2200	ARIZONA SUNSET	AZ	28475	WED	0001	0100	CASTLE CRAIG	CT	28375
SUN	2100	2200	POSSUM TROT (CW)	NC	28150	WED	0001	0100	EGYPTIAN RADIO CLUB	IL	28420
SUN	2200	2300	S TX LIGHT HORSE BRGD	TX	28345	WED	0001	0100	GRINNING ARMADILLO	TX	28480
SUN	2300	2359	ARLINGTON	VA	29200	WED	0030	0130	ALL AMERICIAN CITY	AL	28400
S/M	2330	0030	MICHIANA	MI	28465	WED		0130	STEEL CITY	IN	28420
S/M	2330	0030	MINUTEMAN (CW)	MA	28150	WED	0030	0130	WIREGRASS PNUT PKRS	AL	28535
MON		0100	CRADLE OF LIBERTY	PA	28695	WED	0100	0200	ANTHRACITE REAKER	PA	28660
MON	0001	0100	MISS LIGHTHOUSE	MS	28405	WED	0100	0200	GREAT SMOKEY MTN	TN	28700
MON	0001	0100	NUTMEG (SO N. E.)	CT	28690	WED	0100	0200	HOUSTON SHOT	TX	28488
MON		0130	CRADLE OF LIBERTY	PA	28425	WED	0100	0200	SAMUEL CLEMENS	CT	28333
MON	0100	0200	ANTHRACITE BREAKER	PA	28660	WED	0200	0300	PIRATES MISSISSIPPI	IL	28395
MON	0100	0200	LONE STAR	TX	28460	WED	0200	0300	TEN BAR X	TX	28440
MON	0100	0200	MILWAUKEE	WI	28365	WED	0300	0400	E.A.T.T.	VE	28520
MON	0130	0230	BAUXITE	AR	28470	WED	0330	0430	SPEEDWAY	OR	28450
MON		1700	BERLIN BEARS	DL	28810	WED		1500	LAKE GENEVA (CW)	F	28185
MON		1730	EAGLE WATCH	AL	28317	WED	1600	1700	PEACH STATE INT	GA	28420

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10-10 NET GUIDE

Current as of June 15, 1994

ZDAY	ASUM	ZWIN	CHAPTER	LOC	FREQ	ZDAY	ZSUM	ZWIN	CHAPTER	LOC	FREQ
WED		2200	COLUMBINE/ CLIFF DWELLER	CO	28377	SAT	0001	0100	SKIPJACK	MD	28525
WED	2300	2359	IA RIVER VALLEY/ STARLITE	IA	28355	SAT	0030	0130	WIREGRASS PNUT PKRS	AL	28490
WED	2300	2359	OLD DIMINION	VA	28470	SAT	1330	1430	TURIN NW DX CLUB	I	28425
WED	2300	2359	TEXAS GAMBLERS	TX	28333	SAT	1400	1500	TROTTERS & PACERS	NJ	28755
W/T	2330	0030	MI ROBINS	MI	28800	SAT	1400	1500	COFFEE CUP	LA	28368
W/T		[1]	MI ROBINS	MI	28493	SAT		1500	59/62	F	28790
W/T	2359	0059	BATTLE ROAD	MA	28390	SAT		1600	LAKE GENEVA	HB	28416
THUR	0001	0100	CPRESS	FL	28665	SAT	1500	1600	DOLL CHASERS	TX	28433
THUR		0100	WAR EAGLE	IA	28615	SAT	1500	0600	MO-KAN TENNERS	MO	28440
THUR	0100	0200	COWTOWN	TX	28710	SAT	1530	1630	REPUBLIC OF TEXAS	TX	28460
THUR		[1]	COWTOWN	TX	28460	SAT	1600	1700	RHONE ALPS	F	28440
THUR	0100	0200	CRADLE OF THE CONFEDERACY	AL	28350	SAT	1600	1700	CITY OF ROSES	OR	28835
THUR	0100	0200	GATEWAY	MO	28650	SAT	1500	1600	ELECTRIC CITY	FL	28845
THUR	0100	0200	MILWAUKEE	WI	28385	SAT	1630	1730	BOOMTOWN	TX	28402
THUR	0100	0200	MO-KAN TENNERS	MO	28440	SAT		1730	EAGLE WATCH	AL	28317
THUR	0100	0200	NORTH STAR	MN	28432	SAT		1730	TANGO	LU	28650
THUR	0200	0300	BLACKHAWK VALLEY	IN	28925	SAT		1800	CHATTANOOGA		
THUR	0230	0330	WIND FARMS	CA	28485	SAT		1800	CHOO CHOO	TN	28380
THUR	1300	1400	MANCUNION/LANC/PW/GB	G	28870	SAT	1700	1800	KEYSTONE	CA	28765
THUR	1800	1700	FT. MCHENRY	MD	28370	SAT		1800	LILAC CITY	WA	28390
THUR	2200	2300	DELAWARE VALLEY	PA	28360	SAT		1800	SPEEDWAY	OR	28350
THUR	2300	2359	HUDSON VALLEY	NY	28595	SAT		1830	CRATER LAKE	OR	28760
T/F	2359	0100	OCEAN STATE	RI	28390	SAT		1900	RIVER CITY	GA	28870
T/F	2359	0100	CERTIFICATE CHASERS	NY	28355	SAT	1830	1930	AFTERSHOCK	CA	28340
FRI		0100	C.I.R.R.N.	NY	28380	SAT	1900	2000	ALASKA IDITAROD	AK	28849
FRI	0001	0100	CRAZY EIGHT	PA	28388	SAT	1900	2000	OUTLAWS (1st)	TX	28444
FRI		0100	OKIE RELAYS	OK	28380	SAT	1900	2000	OUTLAWS (2nd, 3rd, 4th)	TX	28644
FRI	0001	0100	MUSIC CITY	TN	28495	SAT		2000	FELINE FRIENDS/ RES PROJECT	VE	28747
FRI	0001	0100	RED RIVER (STEAMBOAT)	LA	28430	SAT		2000	NIANTIC BAY (with above)	CT	28747
FRI	0001	0100	SO TEXAS LIGHT HORSE BRGD	TX	28488	SAT		2100	FIFTY FIRST STATE	MI	28345
FRI	0001	0100	SUNCOAST	FL	28420	SAT		2100	WAR EAGLE	IA	28600
FRI	0100	0200	DALLAS COWBOYS	TX	28580	SAT		2200	ALLIS	HI	28730
FRI	0100	0200	GREAT SMOKY MTN	TX	28700	SAT		2330	CITY OF MELBOURNE	VK	28335
FRI	0100	0200	LAND-O-LINCOLN	IL	28650	SAT		2330	IMPERAL DRAGON	VK	28355
FRI	0130	0230	LAND-O-LINCOLN (ALT)	IL	28380	S-T	0200	0300	SKY BLUE WATER	MN	28715
FRI	0200	0300	AFTERSHOCK	CA	28340	M-S		1800	10-10 INTERNATIONAL	CA	28800
FRI	0200	0300	APPALACHIAN MOUNTAIN	KY	28400	M-W-F-S		1800	10-10 INTERNATIONAL	CA	28380
FRI	1900	2000	PEACH STATE INT	GA	28420	TUES		1500	10-10 INTERNATIONAL	NY	28800
FRI		2230	DOWN UNDER	ZL	28530						
FRI		2300	BRANDING IRON	TX	28345						
FRI		2300	VK4 GOLD COAST	VK	28345						
FRI	2300	2359	BROOKLYN BRIDGE	NY	28850						
FRI	2300	2359	LIARS/LINDBERG/METRO	NY	28850						
SAT		0001	SAF	UA	28760						
SAT	0001	0100	FT MCHENRY/YDR KRITCH	MD	28370						
SAT	0001	0100	LAND OF LEGEND	OH	28390						
SAT	0001	0100	MAINE-IACS	ME	28402						
SAT		0100	OKIE RELAYS	OK	28633						

[1] AFTER SCHEDULED NET

NEW FCC FORM 610 APPLICATION FOR AMATEUR OPERATOR/PRIMARY STATION LICENSE

Available for an SASE from
Mike Lillott, KFOZQ #54625
10-10 Information Manager
9832 W. Gurdon Court
Boise, ID 83704

Mark your SASE "Form 610"
A 10-10 MEMBERSHIP SERVICE

CONTEST RESULTS

WINTER 1994 SSB QSO PARTY

TOP TEN WORLD			AREA 2 <i>continued</i>			AREA 4			AREA 4 <i>continued</i>		
CALL	QSO's	POINTS	CALL	QSO's	POINTS	CALL	QSO's	POINTS	CALL	QSO's	POINTS
1 KC5ACP/P4	975	1762	KB2SQ	53	100	K4CIH	229	437	KD4YQE	37	71
2 VP2VF	844	1415	W2ESK	53	100	W4WKQ	193	350	KR4LG	38	69
3 F2YT/FG	837	1369	N2LDU	43	81	N4ANV	178	323	WA4DAI	38	69
4 HP8AYV	617	1092	K2HCP	33	61	WB4EVH	164	310	N4NII	35	68
5 WN9P	536	992	WB2ZSW	31	60	N4UGH	140	261	WV4Y	36	68
6 VP5JM	612	976	W2KZE	28	56	K4QFK	127	241	KD4GAA	34	67
7 HP2CWB	516	967	WB2WGR	26	51	W4LPL	126	226	KK4TB	34	67
8 NP4QH	500	850	KF5UN	22	44	KC4TBS	118	222	KC4ZHQ	39	65
9 N9KAU	373	689	WB2LLH	19	38	WA4HMX	125	221	KE4EOY	33	65
10 WA1RBNH	320	609	WB2HIW	18	36	K4PXO	118	217	WA4TOJ	36	65
USA DISTRICT WINNERS			KE2AG	15	30	K4HTU	112	215	AA4PR	32	63
CALL	QSO's	POINTS	N2LQQ	14	27	WA4YMD	112	209	KE4DEV	31	61
1 WN9P	536	992	AREA 3			KO4PI	115	204	KB4IH	30	60
2 N9KAU	373	689	CALL	QSO's	POINTS	KO4PE	102	187	N4FBY	30	60
3 WB5PNL	320	609	WY3T	264	469	AE2L	86	172	KB4UQM	30	59
4 WB6ROU	293	520	KC3PZ	182	341	KJ4RV	91	169	N4OJZ	30	58
5 WA5JDU	292	502	N3GZE	117	219	AA4UF	110	168	KC4WPG	28	56
6 KC6QXU	274	482	K3ALQ	137	213	KD4DSJ	89	168	KD4TYE	29	55
7 KC5CP	259	475	NI3I	105	197	W4PNC	87	167	KE4EBS	28	55
8 WY3T	264	469	WA3ELE	95	178	WA4QDM	87	155	KN4XP	28	53
9 K4CIH	229	437	KB3AUG	75	141	N4EFV	82	153	KE4BJE	26	52
10 KB6NAN	233	412	AA3CA	71	126	N2EGO	83	150	W4WJV	26	51
AREA 1			KB3AGZ	54	95	N8WZD	72	138	KC4FC	24	48
CALL	QSO's	POINTS	KA3AWT	48	87	NR9A	72	136	KC4YVJ	24	48
KA1YIY	207	388	K3TUJ	46	86	KA1OZD	73	133	WA4LZD	24	48
KC1FV	200	383	KA3NMB	45	84	KD4YVO	78	133	KC4YVA	25	47
KA1YHI	129	249	KA3QOY	43	78	KE4BGX	70	133	WA4HDP	24	46
KA1LEV	121	232	N3FUR	40	78	KD4DNA	70	130	K4MAC	23	43
WB1DBZ	108	201	NA3H	38	72	KE4CXF	71	129	N4ILE	23	43
K1IEQ	90	172	KA3SBO	38	70	N4EWG	67	128	WA4FWH	22	43
W1SIX	77	150	W3FQN	38	70	N4GQM	66	128	KD4TYF	21	42
KB1AWE	63	117	KB3AUJ	35	69	KA4RVZ	67	127	KQ4TO	20	40
KD1LF	61	113	N3JKS	37	67	KC4JAN	65	123	KB4WC	19	38
N1NNI	58	113	WB3BGH	33	63	AC4OB	68	121	KE4GWV	16	32
W1SQM	57	112	W3UHM	30	55	AD4MG	64	121	WA2HQB	17	32
KD1NE	58	110	KA3AVB	30	53	N2OYV	64	118	K4IJK	16	29
W1RFW	56	109	W3EHZ	27	53	KE4FLI	59	115	W6MHQ	13	25
NN1J	56	108	WA3HXA	27	51	N4LBB	61	114	WA4NOW	12	23
WA1DUZ	43	83	KA3JKP	27	50	KJ4SJ	57	111	AC4VE	10	20
WA1EBJ	37	71	N3DDV	26	49	N4DTB	56	107	KD4DCR	5	10
KC1A	35	64	W3EIW	24	47	AB4HR	52	100	AREA 5		
W1MXI	30	59	WB3AEX	24	47	KC4RSZ	50	98	CALL	QSO's	POINTS
KA1RVY	29	55	N3DUE	23	43	WH2AAT	55	98	WB5PNL	320	609
N1API	19	38	W3DCN	21	42	N3BLJ	50	97	WA5JDU	292	502
N1OMT	19	38	W3VCR	20	39	KU4W	50	96	KC5CP	259	475
WW1A	15	29	N3LQO	19	38	KD4JLB	48	89	WJ5O	194	374
KC1CP	13	26	KA3YAH	19	36	K9EHP	47	88	N5QVS	170	328
AREA 2			WA3MIK	18	35	KN4SS	44	88	KC5AVT	179	326
CALL	QSO's	POINTS	N3LWP	17	32	KZ0X	46	88	W5RAN	178	321
AA2AH	143	248	WA3JXW	16	30	N4ZCG	45	87	W5GVP	137	257
WA2SUH	85	157	W4KM	12	22	KR4LS	43	85	N5VAV	131	241
WB2COL	75	132	WB3BMA	10	19	WB4GVZ	43	83	N5DAS	122	225
KB2MRI	65	127	AA3DP	9	18	KC4ZLB	41	82	N5NHY	112	212
N2EZL	71	127	K3NPH	8	15	N4ERM	41	82	N5NRO	104	192
N2UEI	68	124	K3VOA	8	14	KB4WIN	39	77	KB5QFT	97	185
N2LQY	57	106	KA3YBJ	5	10	KQ4YY	41	77	KF5CA	91	173
K2HLC	55	105				N4JII	40	77	WA5RNV	92	166
						N4FHM	38	75	KG5NO	87	164
						KD4MHH	43	74	N5VAU	81	151
						WB4WZH	37	72			

CONTEST RESULTS

WINTER 1994 SSB QSO PARTY

AREA 5 continued			AREA 5 continued			AREA 7 continued			AREA 9 continued		
KB5UNX	73	141	KC5BRR	4	8	VE5KM/W7	13	26	N9AAI	60	103
KB5TAN	75	139				KA7AMZ	17	24	W9ETU	51	102
N5QXC	63	118	AREA 6			WB7TIR	10	18	KD9XP	52	101
K4NF	55	110	CALL	QSO's	POINTS	KB7DGZ	8	16	KF9TB	49	98
KC5CAN	59	108	WB6ROU	293	520	WB7SYO	7	14	W9PQH	51	98
KC5CFT	57	107	KC6QXU	274	482	N7VZE	5	10	WA9AUW	50	98
AF5A	53	106	KB6NAN	233	412	AREA 8			WB9KEH	50	98
WD8JKV	52	98	WB6MSE	187	310	CALL	QSO's	POINTS	ND9Y	50	95
KC5BKT	54	97	WB6NYM	120	223	W8PJY	105	196	KB9FGD	47	94
WD5BFO	50	96	K6IQY	91	171	K88FGM	87	159	N9BSS	49	94
KB5DQX	48	92	K6PZE	86	165	N8KOJ	83	156	WA9OHU	47	94
W5UFA	46	91	KC6AZV	89	164	WD8MJQ	85	151	N9FXS	49	92
KB5NAK	45	90	WA8YRL	83	148	W8JSM	74	141	N9ASC	48	89
KA5WD	47	89	WB6NFO	84	144	W8KVU	60	112	KB9IJB	44	88
K5BFK	44	87	N6TXT	74	136	N8GBE	58	101	AK9Y	43	85
WA9IES	45	86	KC6DMQ	68	125	W8WVR	52	97	KA9FCF	44	85
WD5EOR	43	83	W8LII	66	125	KB8HGV	49	92	K9HOF	37	73
N5SQQ	44	82	WA6VLS	68	122	WB8BUQ	43	82	KD9WD	36	72
N7WLC	38	76	KB6AN	60	117	KF8FM	34	68	WA9SLT	35	70
KA5WDV	37	74	KB6YX	60	117	W8LBQ	35	68	KA9QDK	33	65
KD5ZD	38	73	WA6HQM	60	114	N8ZFM	34	64	KI9H	32	64
N5DIU	36	72	WA8LRF	57	109	WB8KLP	31	61	N9DCQ	32	61
W5EIJ	37	71	W6ANK	55	103	NB8K	30	59	N9OPV	32	60
N5RBC	36	70	WA6OCP	53	101	KB8HGY	25	49	AI9U	27	54
KJ5JP	35	69	NC6V	48	96	KB8EBX	25	48	N9TLJ	27	52
WASKYO	34	68	KC6LKB	42	83	KB8LUV	25	45	N9TLK	27	52
KJ5CV	34	66	KD6ULV	41	78	NU8U	22	42	NE9R	29	52
N5FTF	34	66	WA7NOD	41	74	K8DHK	20	40	W9KCM	26	52
N5POS	33	65	KA6VQV	38	68	N8FU	20	40	WB9VWU	25	50
N5XJD	34	65	KB6SWH	34	68	KF8RW	19	37	KA9MTY	25	49
N5XYN	36	64	KB6SWI	34	68	NY8E	19	37	KD9WE	24	48
KB5USL	32	63	N6IFW	33	59	W8UPH	20	37	N9KBI	24	48
N5UOG	33	63	KB6UW	31	58	K8DEN	14	27	N9TWO	29	46
WD5HJC	35	63	WB6AOJ	30	57	N8ICP	11	22	WA9SIJ	23	46
NZ5E	31	62	N6SNO	30	53	K8SCH	4	8	WB9O	22	44
W5OXA	33	62	KB6DLN	27	52	AREA 9			KF9B	21	41
N5AFV	31	60	KM6NR	26	52	CALL	QSO's	POINTS	KB9AGV	20	40
N5PWW	30	60	N6EVG	27	52	WN9P	536	992	WA9SFH	22	38
NSWYR	30	60	KD6YST	25	50	N9KAU	373	689	W9CZA	15	29
KB5GLV	30	59	N6MCF	23	46	K9EUI	176	339	W9JNS	10	20
KF5SB	29	57	N6FZS	22	44	KE9WZ	144	265	WD9HKI	10	20
N5ACH	29	56	KE6KL	22	43	KB9BFW	122	227	KA9JCP	8	16
K5HFY	28	55	WB6CZO	22	43	W9WYN	93	178	KA9MXM	8	16
WB5RKI	27	53	KD4GW	22	42	WA9TPQ	89	170	WD9HOT	8	15
WA5JDM	25	49	KD6PRC	20	39	WB9DOF	85	167	K9KKX	7	14
K5IWI	24	47	AA6EW	19	35	WA9RIJ	82	158	N9TTG	6	9
KC5AC	24	47	KI6OY	18	35	KC9CZ	85	146	AREA 10		
KB5JW	23	46	N2LWL	16	31	KB9ITO	68	130	CALL	QSO's	POINTS
KB5NVX	23	46	KA7APP	13	25	KE9QW	66	127	K0LT	152	269
K5HWQ	22	44	KB7JRC	14	25	KA9VMX	61	121	K0PVI	122	213
N5NFK	22	44	N6SLE	10	19	N9FWM	61	117	KB0KYO	113	207
KB5QBX	22	42	KB6DLT	6	11	KD9WF	61	115	WB0CON	112	202
W5EFB	21	41	AREA 7			WX9I	59	115	KB0ADI	50	95
NSOUT	20	40	CALL	QSO's	POINTS	WD9AQL	55	108	W0ERZ	42	80
WB5FII	19	38	KI7RK	86	124	N9KBJ	54	106	N0CKW	40	72
KB5ZRV	20	37	K7PRZ	84	119	W9CEQ	54	106	WB0GGO	31	58
K5ETK	18	36	KB7VGZ	35	59	WA9TWE	56	105	W0DAPK	28	55
AB5SP	16	32	N7JCZ	22	40	N9III	52	104	N0QOO	26	48
AA5DQ	10	18	AA7FK	15	27				N0ALC	22	43
K5HGL	7	14							KF0RS	22	42
KB5ZNR	6	11									

CONTEST RESULTS

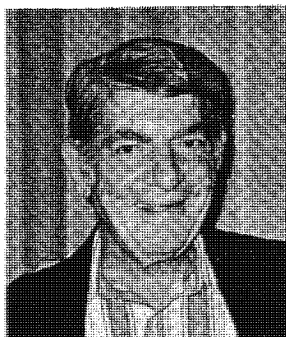
WINTER 1994 SSB QSO PARTY

AREA 0 <i>continued</i>									
KF0JF	22	41	LU8ADX	181	341	Springbok	1	174	255
KD0IR	20	40	CT4UW	166	290	Milwaukee	5	123	222
WB0CCF	20	39	ZS6NB	174	255	Wiregrass Peanut Pickers	2	100	192
W0RTV	18	35	KP4RZ	125	240	Eagle Watch	1	110	168
W0JDP	17	34	CE3AF	126	235	Egyptian	4	96	167
WB0RHR	18	27	ZL1LE	72	131	Windfarms	5	81	156
KB0FQC	13	26	ZL1KQ	57	114	Branding Iron	2	81	154
K0MYD	12	24	8P9AF	53	96	Niantic Bay	2	74	139
N0RJV	11	22	WP4KTF/HP2	48	83	Nutmeg	2	73	133
W5SRQ	11	21	ZL1BZK	40	71	Michigan Waterwonderland	2	68	127
WB0BLJ	9	18	VK4QN	30	59	At Large	1	52	100
N0WM	8	16	F6BXQ	32	57	Borinage	3	61	87
W0DRV	9	16	VK3AFM	28	54	Music City	1	40	77
K0WEX	7	14	ZS6CRT	29	46	Lighthouse	1	33	62
AREA DX									
CALL	QSO's	POINTS	CALL	QSO's	POINTS	VK4 Gold Coast	1	30	59
KC5ACP/P4	975	1762	ON9CDR	29	40	Mont-Ventoux	1	32	57
VP2VF	844	1415	JH1UUT	25	36	Liars	1	28	56
F2YT/FG	837	1369	G3DUW	23	33	City of Melbourne	1	28	54
HP6AYV	617	1092	IK5MEQ	19	33	Mo-Kan	2	28	45
VP5JM	612	976	F6FWD	17	29	Electric City	1	23	43
HP2CWB	516	967	VE5BF	19	28	Rhone-Alpes	1	17	29
			ON6XN	18	28	Whitehouse	1	10	19
			ZL3JD	14	28				
			G3MDH	17	27				
			9A2VC	17	26				

10-10 Reflections

By
Morrie Goldman
W6EHM #4189

10-10 Historian



The first mention of the Star and Bar Awards is in a letter of congratulations sent to new members by Claude Martin (SK) W6LRY #437, Certificate Manager (CM) in 1969, when we had about 400 members. A GOLD bar was issued for QSO's on 10 meters with 100 different members. The qualifying list must contain the same log information as for new members, i.e. 10-10#, name, call letters, QTH, date and time. A February 1971 *Bulletin* (former name of the 10-10 *International News*) encouraged new members, "A '10' STAR is already attached to your certificate, so go for 25, 50, and 75 STARS. 100 contacts qualifies for the GOLD bar." STAR awards were eliminated in 1973, but the CM's continued to issue BAR and PLAQUE awards.

Frank Orcutt (SK) W4JO #486, was appointed as our first 10-10 Awards Manager in 1974. He was succeeded by Bill Risher, WB6OMH #6608, in 1978, and then in 1982 we had two Awards Managers, Willie Madison, WB7VZI #27856, for the 100-900 BAR Awards and Bill Risher, WB6OMH continued with the 1000+ BAR Awards. We have had several Award Managers since then and the time of QSO's is no longer a qualifying requirement. Twenty years have passed since our first Awards Manager was appointed and today we have 11 different managers for our very popular award programs.

In the last issue of the *News*, we paid special tribute to Elizabeth E. Knauff who made a generous contribution to the 10-10 Scholarship Fund in memory of her late husband Donald R. Knauff (SK), KA1BCF #25425. Received a letter from Don Ruf, KB0ON #29849, who notes that KA1BFC when operating from South Africa was issued the call sign ZS6ATX. Our records are corrected accordingly.

If there are certain events, or parts of the history of 10-10 that you would like to know about, drop me a line and I will do my best to research and report on the event or history. My address is listed on page 2.

PREVIEW 1994 SPRING CW CONTEST

Joe Dubedk, NA9A, Chapter Head of the City of Lights Chapter, reports the following results from the 1994 Spring CW Contest:

USA DISTRICT WINNERS

CALL	QSO's	POINTS
1 W1MXI	12	24
2 KB2SQ	6	9
3 WO3V	23	41
4 AA4UF	72	110
5 WA5RNV	27	53
6 K6BPB	6	12
7 NONE	-	-
8 WB8BUQ	7	14
9 WB9DOF	16	31
0 K0LT	68	104

CHAPTER	LOGS	QSO's	POINTS
Possum Trot	30	652	1271
Old Dominion	5	113	212
Colorado Bighorn	3	96	156
Steel City	9	78	155
Houston Shot	5	82	153
Battle Road	8	63	125
City of Lights	8	63	122
Eagle Watch	1	72	110
Bauxite	7	51	100
Blue Bonnet	1	27	53
Gateway	5	24	47
Liars	2	12	18
Minute Man	1	8	15
Golden Bear	3	10	14
Michigan Robins	1	7	14
Ft. Mc Henry	2	7	11
Down Under	1	4	8
Restoration Project	1	3	6
C.A.T.T.	1	2	4
Suncoast	1	1	2

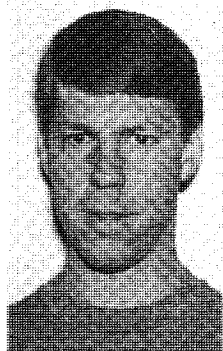
Due to space limitations in this issue we could not print the detail scoring for each of the 105 entries received by the City of Lights Chapter. The detail scores will be published in the next (October) issue of the *News*. We thank the City of Lights Chapter for their continued effort in scoring 10-10 contests.

Any housewife who is a homemaker and has an inferiority complex can cure it by being sick in bed for a day while her husband manages the household and the children.

treasurer's report

Keith Schlottman
KI7RK, #63324

STATEMENT
OF INCOME
Fourth Quarter 1993-1994
January 1, 1994 -
March 31, 1994



	4TH QTR	YEAR-TO-DATE
REVENUE		
MEMBERSHIP	\$ 19,736	\$ 57,404
INTEREST	2,258	7,152
TOTAL REVENUE	22,004	64,556
EXPENSES		
OPERATING EXPENSES	7,719	42,651
SCHOLARSHIP	0	1,500
BOARD MEETING EXPENSES	0	5,443
CONVENTION EXPENSES	0	1,080
AREA MANAGERS	643	2,633
OFFICERS & DIRECTORS	550	3,645
AWARDS & CONTESTS	37	825
OTHER MANAGERS & SERVICES	3,979	3,951
TOTAL EXPENSES	11,928	62,728
NET INCOME (LOSS)	\$ 10,076	\$ 1,828
NET ASSETS AT MARCH 31, 1994	\$ 187,756	

1000 Bar Manager Resigns

Tom, K4CIH Temporary Manager

Lonnie Butler, N9OSN #61493, has found it necessary to resign his volunteer position of 10-10 1000+ BAR Manager due to personal reasons. We thank Lonnie for his many hours of volunteer work to keep the 1000+ BAR program moving smoothly over the past months.

In the interim, until a permanent 1000+ BAR Manager can be appointed, Tom Henderson, K4CIH #33233, has "volunteered" to carry on the job and to provide the continuity necessary for the orderly transition to the new 1000+ BAR Manager when he or she is appointed.

The Operations Committee, consisting of John Ellison, W0ERZ #5145, and Ed Redwine, K5ERJ #11843, are looking for volunteer applicants to serve 10-10 as the new 1000+ BAR Manager. If you would be interested in serving 10-10 in this position, send your offer along with a brief resume to: John Ellison, W0ERZ #5145, 2 Douglass Lane, Kirkwood, MO 63122.

Until further notice, send all 1000+ applications to: Tom Henderson, K4CIH #33233, 4901 15th Place East, Tuscalooska, AL 35404.

Honor Roll SCHOLARSHIP FUND VOLUNTEERS

The following 10-10 members have become a **Scholarship Fund Volunteer** by making a donation to the 10-10 Scholarship Fund. Their donation is sincerely appreciated and helps 10-10 to continue our support for two \$750.00 Scholarships each year.

10-10#	CALL	NAME
3494	KC5TK	Don Abell
14981	W6IRT	Norm Lefcourt
54095	KB5HRR	John Gorman
59739	KD4AMP	Jon Beaver
59754	KD4BTU	Patsy Beaver

Your name could also appear in the *Honor Roll* as a **Scholarship Fund Volunteer** by sending your donation to Morrie Goldman, W6EHM #4189, Scholarship Manager, 21518 Marjorie Avenue, Torrance, CA 90503-6418. Make your check payable to: 10-10 Scholarship Fund.

New Edition of the Awards & Certificate Guide

The *New Edition* of the 10-10 Awards & Certificate Guide is available for purchase by those interested in having up-to-date information on all of the Awards and Certificates issued by 10-10 and the various chapters of 10-10. The Awards & Certificate Guide may be purchased by sending a check in the amount of \$6.00 US (\$8.00 DX) to the Chapter Coordinator, Dave Prichard, KA5OVO #37279, 16314 Thunderbay Drive, Houston, TX 77062.

Pete Matson, KC1CP #37190 Appointed to the Board

The Board of Directors has appointed Pete Matson, KC1CP #37190, to fill the one open vacancy on the Board. Pete served as a Director previously during a two year term in 1991-1992. Pete will fill the vacancy on the Board until December 31, 1994. At that time the newly elected five Directors from the 1994 election will take office. Pete is running for one of those 5 positions.

Propagation

Mike Hawk

NOOSY

#58788



We've discussed the major modes of 10 meter propagation - aurora, F region skip and sporadic-E. There is one other "common" mode. While it's more of a novelty than it is useful, there are some who use it, spending hours to make just one or two contacts.

Meteor scatter is actually more common than any other mode of propagation. It occurs every day, as millions of meteors bombard earth's atmosphere. Certain meteors with just the right size, speed, and velocity are able to ionize a column in the E region of the ionosphere. This ionized area may last for less than a second, to as long as a minute or two. Signals reflected off of ionized trails usually fade in and out rapidly, due to phase cancellations. Signals are being reflected at two slightly different areas of the column, back to your shack. The two signals arrive at slightly different times, creating a difference in phase. The fact that the ions are moving creates possible distortion and doppler shifts. This is caused by ionospheric winds, which twist the column around.

Meteor scatter is especially useful in the VHF bands, where long distance propagation is less common, and high gain antennas are more common. Many VHF operators have set up schedules with other amateurs in order to make contact with new states or grid squares, exchanging only a few seconds worth of information with every burst. It may take hours to finally complete the contact, but there's nothing quite like the sense of accomplishment you feel.

When is meteor scatter most likely? Usually, the rotation of the Earth tends to pull in more meteors late at night and during the early morning. Also, there are several meteor showers which occur annually. These showers, named for the constellation in which they appear to originate, are well known to those who enjoy working distant VHF stations. The Quadratids peaks January 3 and 4. It is a very strong shower, with a short peak. The Perseids may be the best known shower,

peaking August 10-13. The Orionids is a consistent shower, peaking about October 22. The Geminids is probably second only to the Perseids in terms of intensity, peaking December 11-15. Many other smaller showers also exist.

Why hasn't meteor scatter become popular on 10 meters? The answer is simple. Sporadic-D is so common that spending the time to make a meteor scatter contact isn't worth while - for the most part.

The average distance propagated by sporadic-E is 500-1300 miles. Meteor scatter propagates about 200-1300 miles. Also, making the contacts usually require that one use a yagi or quad, and/or extra power.

However, if you're working on Worked all States, and need just one or two states in the 200-1300 mile range which seem to constantly elude you, maybe meteor scatter is a worthwhile alternative. Simply get in touch with an amateur in the desired state, set up a schedule on the night of a shower, and using WWV, alternate calling each other in 15 or 30 second intervals. After anywhere from a few minutes, to an hour or two, all information may have been exchanged. It may sound difficult, but if you've been looking for that one state for years, it will be worth the trouble.



Dave Hammond (left), WC4B, 201 countries,
Ken Miller (center), K6IR #4499, 227 countries
ARRL Director John Kanode (right), N4MM #2752
with 237 countries.

Three NCDXA members, two of which are also 10-10 members, collectively work 665 countries in 12 month NCDXA DX Hunt. Each worked over 200 countries of the 250 field checkable countries on the ARRL DXCC active countries list. Congratulations to all three, and particularly our two 10-10 members for receiving this award.

10-10 AWARDS

AWARDS ISSUED THROUGH 31 MAY 1994

TOP TEN HONOR ROLL

Tom Henderson,
K4CIH #33233

CALL	10-10#	# CONT
1 WD5JDU	3017	22,000
2 W0RWC	518	19,400
3 WB1DBZ	26001	17,500
4 PJ2WG	27999	17,000
5 K5MRU	218	16,300
6 W4WKQ	33299	14,200
7 WA9LIC	1599	11,600
8 N5CUQ	40	11,300
8 WB7NUU	17416	11,300
9 W6YRJ	11911	10,000
10 W8RNB	1714	9,900

VP AWARDS

Glen Harding,
K7OMK, #1407

500 BAR

CERT#	CALL	10-10 #
2753	KP4RZ	47364
2754	K5ETK	54828
2755	KA7APP	44954
2756	KB7UMN	65709
2757	KP4HX	64418
2758	KD4UZL	65172
2759	KB3AUG	64514
2760	KC4YVR	62620
2761	N5XES	62140
2762	AA7YP	62578
2763	KA2KAN	60668

1000 BAR

Tom Henderson,
K4CIH3233

CERT #	CALL	10-10 #
1347	KB4DVC	47359
1348	KA9YTR	48248
1349	ZS4AE	62224
1350	N5SAT	54837
1351	KA1YIY	59146
1352	KP4UK	63526

1353	W2WQV	30836
1354	WA7NIY	47618
1355	WB7UZO	42266
1356	NP4QH	63541
1357	N7QOZ	62599
1358	KA1AAU	57826
1359	K6ASK	50969
1360	KB5UNX	64337
1361	AD4QF	8985
1362	K7EXO	34348
1363	KE4CRU	65133
1364	KC4ERW	50795
1365	KC5BKT	64386

2500 BAR

354	KA7CII	29082
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5000 BAR

68	K4CIH	33233
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9700 BAR

14	K0PVI	9902
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WORKED ALL CONTINENTS

Mark Taylor Murphy, KC4HIT

CERT#	CALL	10-10 #
453	KE3DK	60533
454	CT1AHU	23437
455	N7VBN	62567
456	ZL2BDF	19066
457	KE6AGR	64951
458	AA9FW	60277

WORKED ALL STATES

Susan Brackeen,
KA1CAD #29600

CERT#	CALL	10-10 #
2263	KC4TVZ	60783
2264	N5ZMP	62133
2265	N7QOZ	62599
2266	N0KDA	47266
2267	N5VWM	60074

COUNTY HUNTER AWARD

Alice Jenkins,
NR4R, #31223

100 COUNTIES

CERT#	CALL	10-10 #
351	W7KOI	20309
352	KB5FR	17217
353	N7PFU	55657
354	OK1ABP	54280
355	KB3AUG	64514
356	PA3EQU	47493
357	KD6HWD	62083

200 COUNTIES

K9EHP	2847
W7KOI	20309
WD5HJC	21786
VE3PUA	47465
N7PFU	55657
KD6HWD	62083

300 COUNTIES

WB4EVH	1200
K9EHP	2847
VE3PUA	47465

400 COUNTIES

K9EHP	2847
WD4EWB	18760
VE3PUA	47465
KC5BKT	64386

500 COUNTIES

76	N4JII	37708
77	K9EHP	2847
78	KB5FR	17217

600 COUNTIES

N4JII	37708
KB5FR	17217

700 COUNTIES

KB5FR	17217
-------	-------

800 COUNTIES

KB5FR	17217
-------	-------

900 COUNTIES

W5EIJ	11732
-------	-------

1000 COUNTIES

12	W6JGS	54761
13	HP6AYV	52764

OM/XYL AWARD

Elaine Nickoloff, N8CBE

BASIC - 25 TEAMS

CERT #	CALL	10-10#
359	N9TML	64050
360	KB3AUG	64514

25 TEAMS

315	KD4CPB	60750
327	N9KLH	58657
331	CT4UW	35051
357	NA3H	30502

VP AWARDS

Hiram E. Wolf, W4NWP

VP-100

CERT#	CALL	10-10 #
320	KC5BKT	64386
321	KP4UK	63526
322	NP4QH	63541
323	N1DSN	60115
324	ZL2BDF	19066
325	N0KDB	48715
326	DJ4BE	48153
327	KE4CRU	65133
328	KB3AUG	64514

VP-200

148	N5EJS	1525
149	KA1PFG	41799
150	N8KOJ	58807
151	ZL2BDF	19066
152	N0KDB	48715
153	DJ4BE	48153
154	KE4CRU	65133

VP-300

84	HP6AYV	52764
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...continued on page 28

10-10 AWARDS

AWARDS ISSUED THROUGH 31 MAY 1994

VP-300

continued

85	KC6QXU	59560
86	WB4EVH	1200
87	N9KLH	58657
88	KE9VK	50631
89	VK4QN	19040
90	KE6KL	3422

VP-400

56	KC6QXU	59560
57	WB4EVH	1200
58	W6JGS	54761

VP-500

34	KC6QXU	59560
35	K9EHP	2847
36	WB4EVH	1200

VP-600

20	WB6URK	23567
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VP-1100

5	AA4UF	41176
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VP-1200

4	KC9OZ	35140
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WORKED ALL

STATE CAPITALS

Paul Johnson, N4JII #37708

20 CAPITALS

CERT# CALL 10-10 #
NONE

40 CAPITALS

NONE

50 CAPITALS

NONE

PREFIX AWARD

Rex Holtford, KF0YF #20423

100 PREFIX

CERT#	CALL	10-10 #
127	VE5BF	42037
128	N8LTM	56609

129	WA2OIZ	21511
130	KA6GPC	43555
131	AF5W	11616
132	N0KDB	48715
133	KB0FMM	53991
134	N5NYW	54871
135	N5NYX	54870
136	KB5UNX	64337
137	KF0SR	53999
138	WB1DBZ	26001
139	WD9ERO	46702
140	WB7TIR	62550
141	N7PFU	55657
142	WA6ZPX	36007
143	WA6VLS	27158
144	VE1REC	42022
145	PA3EUQ	47493
146	KA1YIY	59148
147	N5AFV	27571
148	KE9VK	50631
149	KE9WZ	49610
150	N9KLH	58657
151	KB2NEK	59491
152	N3OWF	64522
153	HP6AYV	52764
154	W4NWP	32033
155	KB7LZJ	58053
156	PY2DBU	8264
157	KA5GLZ	50356
158	PS8YL	14170
159	KC4OVW	57502
160	N9TML	64050
161	NP4QH	63541
162	ZL2DBF	19066
163	PA3EUC	18450
164	N2TDT	64232
165	KP4UK	63526
166	VK4QN	19040
167	VE3PUA	47465
168	WB4UMQ	58252
169	KC6QXU	59560

200 PREFIX

1	N7HDB	39650
2	AA4UF	41176
3	KA1HUS	35324
4	N7JCZ	43754
5	WN9P	41483
6	W4WKQ	33299
7	KBOON	29849

8	K4CIH	33233
9	NOGIV	42644
10	WOHIK	40678
11	WA9TWE	389
12	KB6UPG	51849
13	N7PJP	47685
14	W5EIJ	11732
15	N0KDB	48715
16	KF0YF	20423
17	KA1DDX	32583
18	WA5EJB	50332
19	W5GVB	11572
20	W6JGS	54761
21	WB6URK	23567
22	WJ5O	37215
23	K4MIJ	1703
24	KE6KL	3422
25	W9KCM	2133
26	AE2L	14076
27	WA2OIZ	21511
28	KJ4RV	37776
29	N6VGI	52624
30	KA0ADI	46055
31	KD7RX	38532
32	NA3H	30502
33	W7DIF	42260
34	WB4EVH	1200
35	N4JII	37708
36	W5SRQ	32241
37	KA5EAV	45835
38	WB1DBZ	26001
39	WD9ERO	46702
40	AD5LL	54408
41	KA6GPC	43555
42	KC5BKT	64386
43	K4NF	50708
44	KB0FMM	53991
45	WA6VLS	27158
46	K9EHP	2847
47	KC1CP	37190
48	KC4LOR	56976
49	KC5CP	24949
50	K0PVI	9902
51	KD1CJ	56510
52	WA7NIY	47618
53	KB4BBC	43283
54	N3GZE	44119
55	KA1YIY	59148
56	KE9VK	50631
57	KE9WZ	49610

57	NC6V	25057
58	WB1DBZ	26001
59	GM0BCI	33696
60	DL8LAC	58915
61	N5AFV	27571
62	N9KLH	58657
63	CT4UM	35051
64	N7JCZ	43754
65	DJ4BE	49153
66	W9WYN	6894
67	W1SIX	35346
68	PS8YL	14170
69	W4NWP	32033
70	HP6AYV	52764
71	KD4CPB	60750
72	PY2DUB	8264
73	W4ZAA	4939
74	KA5GLZ	50356
75	K3TUJ	7561
76	VK4QN	19040
77	PA3EQU	47493
78	VE3PUA	47465

300 PREFIX

1	W4WKQ	33299
2	AA4UF	41176
3	N7HDB	39650
4	NOGIV	42644
5	WN9P	41483
6	KB0ON	29849
7	K9EHP	2847
8	KC1CP	37190
9	WA2OIZ	21511
10	KC4LOR	56976
11	KC5CP	24949
12	W5GVP	11572
13	K0PVI	9902
14	KD1CJ	56510
15	WJ5O	37215
16	AE2L	14076
17	WA9TWE	389
18	WB4EVH	1200
19	KD7RX	38532
20	KA5EAV	45835
21	W9KCM	2133
22	W6JGS	54761
23	W5SRQ	32241
24	K4CIH	33233
25	W5EIJ	11732

10-10 AWARDS

AWARDS ISSUED THROUGH 31 MAY 1994

300 PREFIX

continued

26	WB6URK	23567
27	N4JII	37708
28	KB4BBC	43283
29	WA7NIY	47618
30	K4NF	50708
31	N3GZE	44119
32	KA1YIY	59148
33	KE9VK	50631
34	KE9WZ	49610
35	WA6VLS	27158
36	DJ4BE	49153
37	W9WYN	6894
38	W4NWP	32033
39	HP6AYV	52764
40	N5AFV	27571
41	N9KLH	58657
42	N7PJP	47685
43	PY2DBU	8264
44	W4ZAA	4939
45	K3TUJ	7561
46	VE3PUA	47465

400 PREFIX

1	W4WKQ	33299
2	AA4UF	41176
3	N7HDB	39650
4	KB0ON	29849
5	WN9P	41483
6	W5GVP	11572
7	KOPVI	9902
8	AE2L	14076
9	WB6URK	23567
10	WB4EVH	1200
11	W5EIJ	11732
12	N3GZE	44119
13	KA5EAV	45835
14	KC5CP	24949
15	DJ4BE	49153
16	W9WYN	6894
17	W4NWP	32033
18	KE9WZ	49610
19	PY2DBU	8264
20	N5AFV	27571

500 PREFIX

1	AA4UF	41176
2	WN9P	41483
3	KB0ON	29849
4	W4WKQ	33299
5	W5GVP	11572
6	KOPVI	9902
7	AE2L	14076
8	WB6URK	23567
9	WA7NIY	47618
10	W5EIJ	11732
11	KC5CP	24949
12	KA5EAV	45838
13	DJ4BE	49153
14	W9WYN	6894

600 PREFIX

1	W4WKQ	33299
2	AA4UF	41176
3	KB0ON	29849
4	KOPVI	9902
5	WN9P	41483
6	AE2L	14076
7	WA7NIY	47618
8	KC5CP	24949
9	DJ4BE	49153
10	W9WYN	6894

700 PREFIX

1	AA4UF	41176
2	W4WKQ	33299
3	LOPVI	9902
4	AE2L	14076
5	W9WYN	6894

800 PREFIX

1	W4WKQ	33299
2	AA4UF	41176
3	KOPVI	9902
4	AE2L	14076

900 PREFIX

1	KOPVI	9902
---	-------	------

Lost Sheep.....

Can you help find these members?

From the post office address corrections we recieved back from the April issue of the **News** and the ballot mailing during early June, a number of members have turned up missing. That is they have moved some time ago and the post office fording time has expired. We would like to locate them so their address can be made current in the 10-10 data base and they will again receive their copies of the **News**.

If you know of the whereabouts of any of those on the list, please forward their current information to the 10-10 Data Manager, 643 N. 98th Street #142, Omaha, NE 68114-2332.

10-10#	CALL
00009	K6PJO (L)
05286	WB0BIH
07810	K4ETN
08481	W1HDQ (L)
09229	WA5TRX
11375	NT9K
15000	W6LS
15265	JH4EDR
18438	VE6PIG
18884	KB5AC
21231	KB1TX
26891	HK3MAE
29917	KA6CJL
30190	KF7DN
35186	N9AX
36380	N2DSQ
36381	WD2N
37051	WB9NZP
41433	W5IYR (L)
42816	N6OLZ
47110	N6CKV
48608	N5HBT
48635	AC4SL
48668	N5MFI
48790	KF0CT
49539	N4UBV
50351	KB5HQE

10-10#	CALL
51164	N2JBM
51743	KB0CQQ
52028	WT7G (L)
52182	B5HMX
52254	N4VFC
53592	KB9AGT
54130	N8MBO
55824	KB5HXE
55872	N5OMY
55940	KF9BD
57961	KC6HPV
58465	KB5NF
59592	KC6VWI
59852	KB8MFR
59883	KB8MDK
60102	N1KIU
60666	KB2MWI
61007	N8NYJH
61748	N2OSC
62021	KD6ETS (L)
62180	KB5PMG
62662	KD4CQJ
62663	KD4OZR
62822	KB8NIQ
63214	KC4YJO
63308	KB5SMG
64108	KD6PIC

Think about it.....

If men had no faith in each other , we would have to pay cash for everything.ARNS



Part of the group of 10-10'ers at Dayton '94

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 #1407 PO Box 133
Garden City, SD 57236

BAR APPLICATIONS 1000+

Tom Henderson, K4CIH #33233 4901 15th Place East
Tuscalooska, AL 35404

PLAQUES

Plaques are available when attaining the 1000, 2500, etc BAR at at cost of \$7.00 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, K7OMK #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

WPX (PREFIX) AWARD

Rex Hofford, KF0YF #20423 3123 11th Avenue
Council Bluffs, IA 51501

10-10 QSO PARTY NEWS

Harry Arsenault, K1PLR #21680
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 Arsenault, K1PLR #21680, 48 Crane Road North, Stamford, CT 06905.

NEXT CW CONTEST

FALL 1993

STARTS: 0000Z October 30, 1993
ENDS: 2400Z October 31, 1193

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

City of Lights Chapter
% Joe Dubeck, NA9A
PO Box 1383
St. Charles, IL 60174

NEXT SSB CONTEST

SUMMER 1994

STARTS: 0000Z August 6, 1994
ENDS: 2400Z August 7, 1994

SEND LOGS POSTMARKED NO LATER
THAN SEPTEMBER 1, 1994 TO:

City of Lights Chapter
% Joe Dubeck, NA9A
PO Box 1383
St. Charles, IL 60174

Membership Information and Services

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

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

NEW MEMBERSHIPS

New member applications should be sent to the Area Managers listed below. Dues for 10-10 membership are \$7.00 per year for members with a USA ZIP code and \$9.00 per year for all DX members. You may pay your dues for multiple years. A membership application is included in the 10-10 Information Manual.

AREA MANAGERS

Area 1 District Manager
Al Kaiser, N1API #25468
194 Glen Hills Road
Meriden, CT 06451-3832

Area 2 District Manager
Larry Berger, WA2SUH #404
9 Nancy Blvd.
Merrick, NY 11566

Area 3 District Manager
Chester Gardner, N3GZE #44119
9028 Overhill Drive
Ellicott City, MD 21042

Area 4 District Manager
Stephen P. Sites, KC4LOR #56976
13605 S. Dixie Hwy. #136-494
Miami, FL 33176-7252

Area 5 District Manager
Grace Dunlap, K5MRU #218
(October-June) PO Box 445
LeFeria, TX 78559-0445
(June-October) PO Box 13
Rand, CO 80473

Area 6 District Manager
Dick Rauscher, W6ANK #1931
4371 Cambria Street
Fremont, CA 94538

Area 7 District Manager
10-10 International Net, Inc.
643 N. 98th Street #142
Omaha, NE 68114-2332

Area 8 District Manager
John Hugentober, N8FU #16154
4441 Andreas Avenue
Cincinnati, OH 45211

Area 9 District Manager
Jim Williams, N9HHU #42712
240 Park Road
Creve Coeur, IL 61610

Area 0 District Manager
10-10 International Net, Inc.
643 N. 98th Street #142
Omaha, NE 68114-2332

Area DX Manager
Carol Hugentober, K8DHK #29588
Cincinnati, OH 45211 USA

All correspondence regarding membership services should be addressed to:
10-10 International Net, Inc.
643 N. 98th Street #142
Omaha, NE 68114-2332

DUES RENEWALS

10-10 dues are \$7.00 per year for members with a USA ZIP code and \$9.00 per year for members with a DX address.

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

10-10 International Net, Inc.
643 N. 98th Street #142
Omaha, NE 68114-2332

DX members send dues renewals to:

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

FAMILY MEMBERSHIPS

Family Membership consists of a primary member and one or more relatives who qualify as a 10-10 member and who reside at the same location and postal address. Family Membership run concurrently with that of the primary member. Add \$.50 for each additional Family Member for each year.

LIFE MEMBERSHIP

Life membership is available to USA members for \$175.00 and for DX members for \$225.00. Senior Life Membership is available for those over 65 and over (with proof of age) for \$60.00 for USA members and \$75.00 for DX members. Send all life membership applications to:

10-10 International Net, Inc.
643 N. 98th Street #142
Omaha, NE 68114-2332

ADDRESS CHANGE

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

10-10 International Net, Inc.
643 N. 98th Street #142
Omaha, NE 68114-2332

10-10 INFORMATION MANUAL

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

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

SCHOLARSHIP DONATIONS

Donations to the 10-10 Scholarship Fund should be sent to the following address:
Morrie Goldman, W6EHM #4189

10-10 Scholarship Manager
21518 Marjorie Avenue
Torrance, CA 90503

Make checks payable to: 10-10 Scholarship Fund.

10-10 STAMPS

10-10 stamps that can be used on QSL cards and correspondence are available for \$2.00 per 100 stamps. Send your order to your District Manager. 10-10 no longer offers a choice of stamps (gold or silver) due to cost.

10-10 PHOTO ALBUM

A 32 page photo album including pictures of Officers and Net Officials is available for \$7.00 to USA ZIP codes and \$9.00 to DX postpaid. Send your order to:

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

AWARD & CERTIFICATE GUIDE

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

Dave Prichard, KA5OVO #37297
10-10 Chapter Coordinator
16314 Thunderbay Drive
Houston, TX 77062

10-10 ROSTER

The complete 10-10 membership list is available in hard copy or computer disk. The hard copy is printed on both sides of 8-1/2" x 11" paper 3-hole punched. The roster lists 10-10 number and call. SK's are identified. It is issued in January each year with an update in July. Cost of the printed roster is \$9.00 US and \$13.00 DX postpaid.

A roster on computer disk is available in either 3.5" or 5.25" format. The 3.5" format is 1.44MB and the 5.25" format is 360K. IBM compatible computer with DOS is required. The program will search for either 10-10 number or call and indicates SK. It is issued 4 times per year, January, April, July and October. Cost for the Roster on Disk is \$5.00 US and \$7.00 DX for each quarterly issue. A one year (4 issues) subscription is also available for \$17.50 US and \$25.00 DX. Price is for either 3.5 or 5.25 format. Be sure to specify the format you are requesting. Send your order to the following address:

10-10 International Net, Inc.
643 N. 98th Street #142
Omaha, NE 68114-2332

FCC FORM 610

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

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

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CALENDAR

Board Meeting.....	22-23 July 1994
SSB Contest.....	6-7 Aug 1994
Las Vegas Bash.....	18-21 Aug 1994
CW Contest.....	30-31 Oct 1994

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, 10-10 Information Manager, 9832 W. Gurdon Court, Boise, ID 83704.

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 1994 SSB CONTEST - 0000Z 6 AUG TO 2400Z 7AUG 1994

Chapter Assignment: _____

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

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

SEND LOGS TO:
City of Lights Chapter
Joe Dubeck, NA9A
PO Box 1383
St. Charles, IL 60174

Total Contacts

Total Points

Logs must be postmarked no later than 1 September 1994

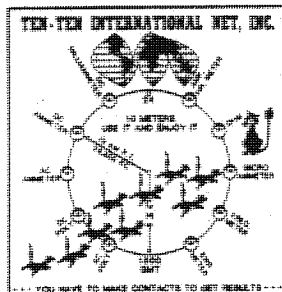
Include this cover sheet and the mailing label on it OR a cover sheet of your own (follow the format of this one) and a copy of your current Ten-Ten membership card as proof of Ten-Ten membership for awards.

10-10 International Net, Inc.
643 N. 98th Street #142
Omaha, NE 68114-2332

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

BULK RATE
U.S. POSTAGE
PAID
PERMIT NO. 282
OMAHA, NE

ADDRESS CORRECTION REQUESTED



15984 WBOKIN 091994
WALTER E. FRIANT
2310 WALLONNIE DR
MARSHFIELD WI 54449

ly 1994 (Summer)