

# 10-10 News

## INTERNATIONAL

Volume 32 Number 1

\$1.00

January 1994 (Winter)

### 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 without imposing our own prejudices on you. The more you understand, the better your choices will be.

dB, dBi, and dBd

A most convenient way to compare power is as a ratio between two powers. For this purpose, we have the decibel or dB. One dB =  $10 \log (P_1/P_2)$ , where  $P_1$  and  $P_2$  are any two powers it is relevant to compare. A power ratio of 2 is 3 dB; a ratio of 4 is 6 dB; a ratio of 10 is 10 dB. These marker points will guide you to intermediate values. Your transceiver output is 100 watts. Your linear output is 800 watts. Hence, your power gain is 9 dB to the antenna.

Antennas measure their power gain in the favored direction in dB. Since gain requires 2 powers to make the ratio, where does the second power come from? It comes from a standard reference. For most theoretical studies, the most common reference is dBi, decibels over an isotropic radiator. An isotropic radiator is a geometric point in free space with no material losses that radiates equally well in all directions. My rotatable aluminum backyard dipole at 35 feet over soils with average losses has a gain of over 7.5 dBi.

A second standard is dBd, decibels over a dipole in free space made of lossless infinitely thin wire. This theoretic dipole has a gain of 2.15 dBi. Hence, my backyard real dipole has a gain of over 5.35 dBd.

.....continued on page 8

### New 10-10 Roster

#### **Available on Computer Disk and in Hard Copy Format**

A long-overdue 10-10 Roster is now available in both computer disk format and 8 1/2" x 11" hard copy paper format.

The computer disk format is available on either 3.5" or 5.25" floppy disks. The 3.5" format is **high density** (1.44MB) type and the 5.25" format is **low density** (360KB) type. The computer disk format will operate on IBM compatible computers with DOS 3.0 or later. You can inquire for a 10-10 number if you know the call or you can inquire for a call if you know the 10-10 number. The disks will be published each quarter during the months of January, April, July, and October. Each quarterly update will include all additions and changes through the month prior to publication. The program is called 10-10 INQUIRY or XXIQ for short..

The 8 1/2" x 11" paper format is approximately 90 pages printed on both sides and is three-hole

.....continued on page 4



Steve Sites, KC4LOR #56976  
New Area 4 Manager  
See story about Steve on page 4

## OFFICERS AND DIRECTORS

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Chapter Coordinator .....	Dave Prichard, KA5OVO #37297 16314 Thunderbay Dr., Houston, TX 77062
Contest Chairman .....	Harry Syring, WB1FTQ #23934 37 Bradford Dr., Windsor, CT 06095
Editor & PR Manager .....	Chuck Imsande, W6YLJ #19636 18130 Bromley St., Tarzana, CA 91356
Historian .....	Morrie Goldman, W6EHM #4189 21518 Marjorie Ave., Torrance, CA 90503
Information Manager .....	Mike Elliott, KF7QZ #54625 140 Parkway Drive, Bosie, ID 54625
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SK Manager .....	Grace Dunlap, K5MRU #218 PO Box 445, La Feria, TX 78559
Supplies .....	10-10 International Net, Inc. 643 N. 98th Street, Omaha, NE 68114

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

PRINTED IN THE U.S.A.

# 10-10 *News* INTERNATIONAL

## EDITOR

**Chuck Imsande, W6YLJ, #19636**

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

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

## DEADLINE FOR NEXT ISSUE

**March 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)

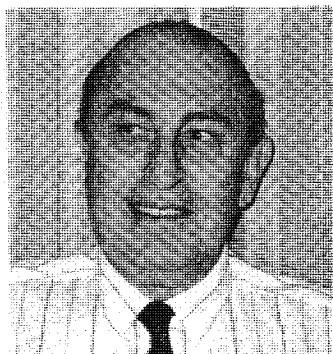
Monday (28.380) .....	Dick, K6PZE #1341
Monday (28.800) .....	Lovergne, KD6JC #33704
Tuesday (28.380) .....	Steve, AA8DP #46850
Tuesday (28.800) .....	Marv, WB2SJQ #6090
Tuesday (28.800) .....	Nat, 8P6SA #45858
Wednesday (28.380) .....	Lonnice, N9QSN #61493
Wednesday (28.800) .....	Louise, N6ELK #36654
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 .....	<b>'NEVER ON SUNDAY'</b>

\* This net begins at 1500Z

# Presidents Message

de W6IRT

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



As I write this it is yet a week plus until Christmas, and by the time you read this not only Christmas will have come and gone, but we will have a good start into 1994. I hope you all had a great Christmas and that everyone received everything they wished for. It is not too late however to wish everyone a Happy and Healthy New Year, and you get to work all the DX you hear.

Remember 10-10 is your organization. If there is a worthy idea, cause or changes that you might like to see 10-10 adopt, please be sure to let an officer or director know about it. We will be and are receptive to good ideas. 10-10 needs to hear your views.

The up coming election will be for all Officer positions as well as half (5) of the Director positions. I am hoping that we will have a slate of candidates large enough to create competitive choices for the positions.

Sorry about the delay in sending out the last issue of the **NEWS**. Because the 10-10 Convention dates conflicted with the dates normally reserved by our Editor, Chuck, W6YLJ, for preparation of the final art work for the **NEWS**, it was necessary to delay the final preparation until after the Convention. Although this delayed the printing by about two weeks, it was possible to include pictures and news of the Convention.

The January issue was printed and mailed by Gerry, WA6POZ, in Omaha, NE. The printing time and addressing time was actually reduced from about two and one-half weeks to 10 days. There is another benefit from the printing and mailing from Omaha. The BULK mail travels from the central part of the US, resulting in less travel time for most of the country.

We did have a problem with the post office delivery of the **NEWS** in at least one area, Colorado. Some copies took about three weeks to reach certain members in and around the Denver area. As everyone knows, we mail BULK mail (third class) and this class of mail is delivered at the option of the post office. Some carriers make timely delivery of BULK and some do not. 10-10 is investigating the possibility of obtaining a **Second Class Permit**.

Second Class mail is handled on a more timely delivery basis, however it also is more expensive. Second Class is used by most magazines and if 10-10 can qualify, it should improve our delivery of the **NEWS** considerably.

Our Director, Peggy, G4MAE #32992, has tendered her resignation due to illness and pain, which demands all of her time. Peggy has been one of our hardest workers. We will miss her. Get well soon.

.....Norm Lefcourt, W6IRT #14981  
President, 10-10 International Net, Inc.

## Springbok Chapter Members

### Check your SCI Numbers.....

Jim Whittlesey, KC4RHM #57051, Springbok Chapter Certificate Manager for the USA, Canada, Caribbean and South America area is looking for several SCI numbers. The records of the Springbok Chapter were destroyed, and they are trying to locate the holders of the following numbers:

SCI #111	SCI #112	SCI #118	SCI #119
SCI #120	SCI #122	SCI #124	SCI #127
SCI #128	SCI #135	SCI #147	SCI #151
SCI #154	SCI #156	SCI #157	SCI #158
SCI #159	SCI #197	SCI #199	

The chapter is looking for the holders of these numbers to complete the master membership records. All other numbers are accounted for. If you have one of the above numbers, please send a voided QSL card, with all of your information to:

Springbok Chapter International  
Jim Whittlesey, KC4RHW #57051  
612 Redbud Lane  
Oliver Springs, TN 37840-2316

If you would like a copy of the new Springbok Chapter point system, send a SASE to Jim at the above address.

## 10-10 SILENT KEY

Via W6BSY: Word was received from the Colvins son-in-law that **Lloyd Colvin W6KG #21227 died December 13th** in Ankara, Turkey of natural causes. His wife **Iris W6QL #21226** and he had been expected to be in Turkey for 3 months and to get call signs. Lloyd & Iris have operated from **over 150 countries** and Lloyd will certainly be missed by amateurs all around the world.

## New 10-10 Roster

*continued from page 1*

punched for insert into a 3-ring binder. The hard copy format lists 10-10 numbers to call and will be published once each year, during the month of January covering all new members and changes through the end of the previous year.

The cost for the Roster on Disk will be \$5.00 each, or \$17.50 per year (4 issues) postpaid for those with a USA ZIP code. Cost for DX is 7.00 each or \$25.00 per year (4 issues) postpaid via airmail. The cost is for either a 3.5" disk or the 5.25" disks.

The cost of the hard copy format is the same as previously, US \$9.00 postpaid and DX \$12.00 postpaid airmail.

If you are interested in a NEW 10-10 Roster, either on Computer Disk, or in Hard Copy format, send your order to the 10-10 Post Office Address:

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

US members send check or money order made out to 10-10 International Net, Inc. DX members are reminded that MONEY amounts quoted are in US Dollars. DX members pay by International Postal Money Order only.

## OOPS.....

### Board Meeting Minutes Error

It has come to the attention of L.B., W4RNL #41159, 10-10 Secretary, that there are two errors in the Minutes of the Board of Directors Meeting published in the last issue of the NEWS.

The first error is on page 13 where the new 1000+ BAR Manager is noted. Lonie's correct last name is **Butler**, not Hudson. The second error, also on page 13, where Director Miller reported for the **Operations Committee** not the Planning Committee.

## WANTED - PHOTOGRAPHS

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

## Meet Steve Sites, KC4LOR #56976

### Area 4 Manager

*(picture on page 1)*

Steve Sites was born in Indiana in the year 1942. He received his license, KC4LOR, in 1989 and joined 10-10 in August of 1990. Although presently unemployed, he has traveled the world working in the oil fields in Oil-Field Materials Management. He has spent 5 years in Columbia, 5 years in Peru, 4 1/2 years in Mexico, 3 1/2 years in Bolivia and 1 year in Pakistan. His interest in radio developed when he used radio equipment to contact the main office and oil rigs when he was in the jungle in Peru.

The station at KC4LOR consists of a Kenwood TS-440S-AT running 100 watts barefoot (always) and a homebrew 2-element cubical quad antenna at 33 feet. He spends about 30+ hours a week on the radio. From this "time on the air" he has accumulated his 2300 BAR, worked 44 DX countries, 10-10 WAS, reached the VP-400 BAR, Worked all Continents, has 800 counties toward his 10-10 County Award, 25 OM/XYL contacts, and the Silver Seal on his Worked all State Capitals (40 capitals). Steve placed 9th Worldwide in the 1991 10-10 Summer QSO Party. He also belongs to 92 Chapters.

Beside collecting all of those 10-10 awards and chapter certificates, he is active on 2-meters, 6-meters and packet. In his spare time, Steve acts as a Den Leader in the Cub Scouts helping son Kevin with his scouting activities. Son Brian is in Kindergarten and Kevin is in second grade.

He and XYL Graciela, have been married 7 years and have 2 sons. Graciela is KD4ATO, 10-10 #59716. Both Steve and Graciela are Life Members of 10-10.

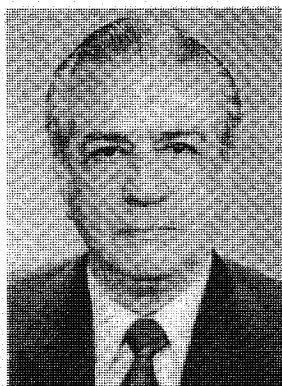


Annie, W0ERR #2027 (Colorado Centennial #2)

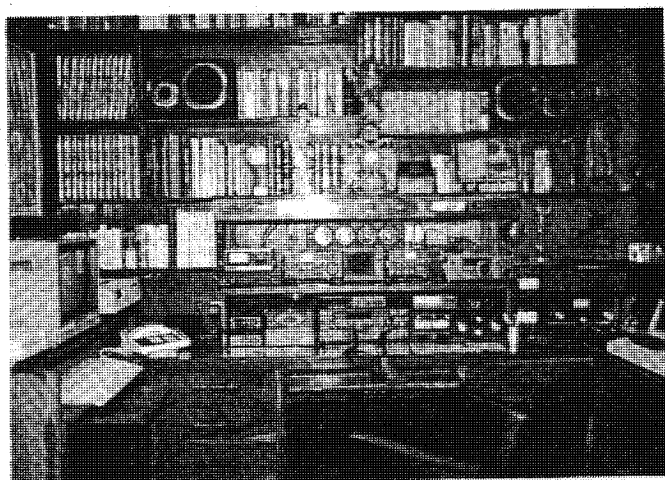


## M.A. Henriques, HC2HX #10799

This issue we highlight the station of H.A. Henriques, HC2HX #10799, of Guayaquil, Ecuador, South America. M.A. is 76 years old and was first licensed in 1973. Judging from his 10-10 number, he must have joined 10-10 soon after becoming licensed.



M.A. was president of the Guayaquil Radio Club from 1987 to 1989 and is the founder of LIGERA, an organization to promote international HF activities from Guayaquil, Ecuador.



The "shack" at HC2HX, 10-10 #10799

## WPX Award

### Applications are "Rolling In"

Rex Holford, KF0YF #20423, 10-10 WPX Manager reports that applications for the new **WPX Award** are coming in and he will have the drawing for the initial group of Certificate numbers on January 9, 1994.

Some have requested a definition of a "prefix". The best way to clarify a prefix is the *letter (s) before the number plus the number* in a call is the prefix. That is W6..., WA6..., WB6..., WD6... are all prefixes. Portable stations, those signing with a /xx may be used for the prefix of the suffix, that is W6xxx/HC1 may be used for the prefix **HC1**.

One item left out of the original application was the fee for the WPX Award. The fee is \$2.00 US funds. The **GOLD** upgrade bars are no charge except for a **SASE**.

## → WANTED ←

As you know 10-10 operates on the "volunteer" system, that is all officers, directors and net officials volunteer their time and effort to make 10-10 one of the largest and finest Amateur Radio organizations in the world.

10-10 is looking for a number of good members that would like to volunteer to help the Scholarship Fund. The requirement for this position is very simple and **every** 10-10 member can qualify to be a 10-10 Volunteer Scholarship helper. The requirement? Make a donation to the Scholarship Fund. Any amount will qualify you as a Scholarship Fund Volunteer, from one dollar to any amount you feel you would like to "volunteer". There is no minimum and certainly no maximum.

Turn to page 20 and note the area that normally contains a list of those members that made a "volunteer" contribution to the Scholarship Fund and you will note a blank space. That is because there were **no** "volunteers" during the last quarter.

This is one way **you** can become a 10-10 "volunteer" - one way **you** can give something back to 10-10. **Do it right now!** Send a check made out to the **10-10 Scholarship Fund** to Morrie Goldman, W6EHM #4189, Scholarship Manager. His address is on page 2. See your call, 10-10 number and name listed in the next issue of the **NEWS** as a Scholarship Volunteer. My name will be there - will yours? I believe in the 10-10 Scholarship Fund - **DO YOU?**

.....Chuck Imsande, W6YLJ #19636, Editor

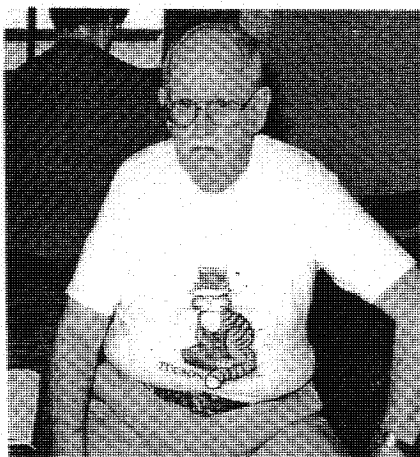


"It's the bank - they say that when you endorse a check you should stop adding your call letters to your name."

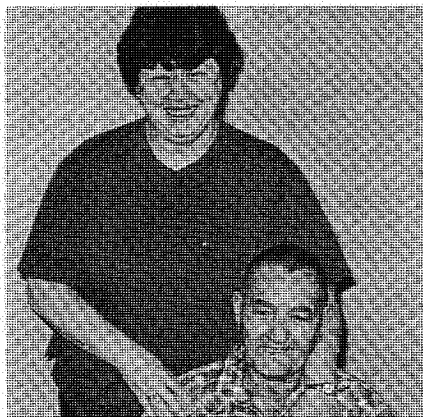
.....From The Countyline Roadrunner

# The 10-10 Photo Album

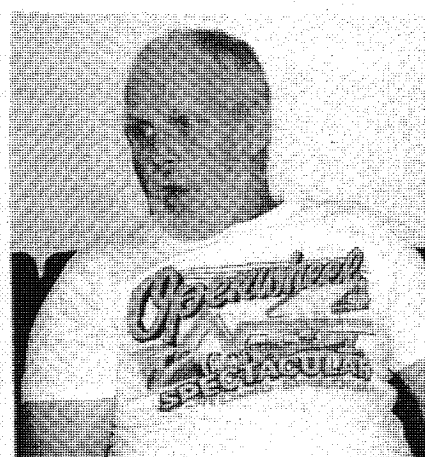
RENO BASH - AUGUST 1993



Bob, WA8OXS #3159



Betty, KB6AN #18673  
Bob, KB6YX #6110  
Hostess & Host of RENO 93



Dave, KB7DGZ #46235



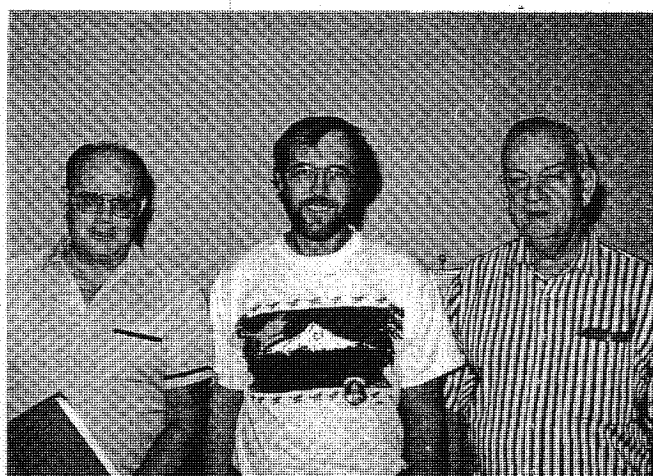
Roger, KB7ARN #44977 & Bob, W7QXE #5956



Dave, WD4EWB #18760 and  
Tom, A45ZO (WA7QED) #8818



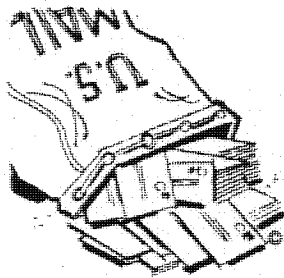
Phil, WB6NYM #17996, Frank, N6SNO #47937  
and Jim, W6KVA #23269



John, N6EMI #47123, Dave, K7PRZ #47633  
and Bill, WD5EDR #23693

## The Mail Bag

Letters to the Editor are published at the sole discretion of the Editor. This is not a "gripe column", but rather a place for members to air ideas, offer suggestion and request answers to questions relative to 10-10. All letters published are subject to being edited. An attempt will be made to answer all questions. Send your letters to the Editor:



"10-10'ers are the only licensed amateurs which operate to the detriment of Amateur Radio. To the whole bunch, I say 'collect your numbers by mail'. Become technically competent. Learn the art of conversation and quit using 'Q' signals (which are designed for CW). Stop the stupid 10-10 activity and reduce the interference to people who can talk! (As an illerate (could he mean illiterate?) 10-10'er would say - QSL?)

E. Ralph Gaines, W5OTP

Editors Note - Mr Gaines is not a 10-10 member, holds an Extra Class license and is 69 years old. It is his right to not participate in any particular amateur radio club, activity or amateur radio itself. However, I personally take offense at his suggestion that "10-10'ers .... operate to the detriment of amateur radio". Just because Mr. Gaines holds an Extra Class license, is he "technically competent"? In my 45 years experience of amateur radio, I have never heard that 'Q signals were for CW'. I remember when the exchange of signal reports during phone contacts were "Q5-S9" where Q5 was the readability and S9 was the signal strength, later shortened to 5-9, or whatever value the receiving station is copying. His comment regarding 'stop the stupid 10-10 activity and reduce the interference to people who can talk' is uncalled for. I wonder if he knows about

those frequencies that are "reserved" for Extra Class operators. He surly could find someone there to talk to, but some of those frequencies are populated by those chasing DX, and they may not want to "talk" either. Mr. Gaines, that is why we call ham radio a hobby, each one of us can peruse the part of the hobby that is of interest to us. Have you tried CB? they talk a lot - but don't say much!

"I had an idea that perhaps the new DX members could be published in the NEWS. Having the New Member DX list in the NEWS would give all 10-10 members the same advantage to look for these new DX members".

Mike Warnock, WN9P #17160

Editors Note - Tnx Mike for a good idea. Although it is too late for this issue, we will see what can be done for the next issue.

### from the Editors Desk

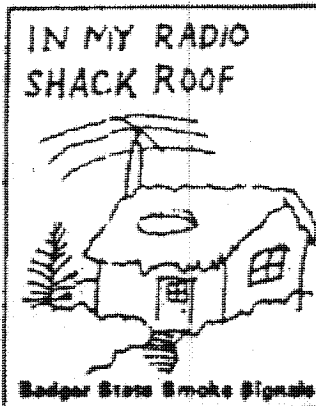
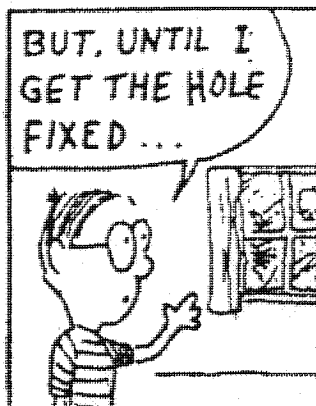
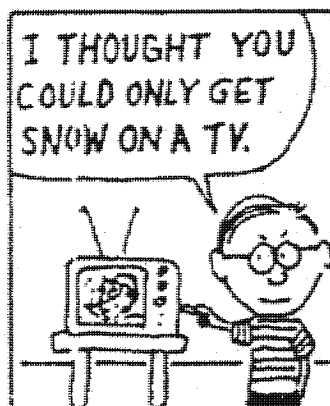
Chuck Imsande  
W6YLJ #19636



As you can tell by my comments, the first letter, actually it was a post card, in the **Mail Bag** column rubbed me the wrong way! How about you?

Also as you can note from the "Wanted" article requesting volunteers to become *Scholarship Honor Roll Members*, I believe that every 10-10 member could send at least one "green stamp" to this worthy cause. The 10-10 Scholarship Fund should be self supporting from contributions. If the fund could be built up from donations, we may even be able to increase the contribution from two at \$750. each to two at \$1000. each, but not without your help.

## ELMER



Badger State ARC "Smoke Signals" via the January, '93 Copper Country RAA "The Landline"—Brian Suits, WB8WKN, Editor

## By Rich Regent, K9GDF



# An-Ten-Ten-nas

continued from page 1

For many, if not most, of the decisions you will make about antennas, neither dBi nor dBd are the real references. Suppose you wish to buy a 3-element monoband Yagi for 10. What improvement can you really expect over your dipole? Now your own antenna--an aluminum tube (with losses) antenna at a certain height over soil (with certain losses)--becomes the standard. Unfortunately, manufacturers do not rate their antennas by testing them on your mast in your yard. How can you use your knowledge of dBi and dBd to estimate the improvement the prospective antenna will make.

One way is to make antenna comparisons theoretically and extrapolate to your yard. Table 1 shows the gain figures for 3 antennas: a pretty good 3-element Yagi, a pretty good 2-element Yagi, and a dipole, all in free space. The 2-element Yagi has a forward gain of about 4.3 dB over the dipole, while the 3-element Yagi adds another 1.8 dB, for a total of 6.1 dB over the dipole. In the favored direction and in front-to-back ratio for nulling out QRM, you can expect similar performance from equivalent antennas mounted at the same height over the same terrain.

Do not expect much more improvement than this, even if a manufacturer cites much higher numbers. The beams in this example can be tweaked for a little more gain or a little more front-to-back ratio, but not much and not both at once. And the ability of the antenna to hold its gain and front-to-back ratio over the entire 10-meter band will suffer.

As you might expect, it does not matter whether you make the gain comparison starting with figures in dBi or figures in dBd. You will get the same result. The only requirement is that you use the same reference for all your comparison calculations.

**Table 1: Relative Antenna Gain using dBi and dBd and Antennas in Free Space**

Antenna	Gain in dBi	Gain over dipole	Gain over 2-element Yagi
Dipole	2.1	---	---
2-element Yagi	6.4	4.3 dB	---
3-element Yagi	8.2	6.1 dB	1.8 dB

Antenna	Gain in dBd	Gain over dipole	Gain over 2-element Yagi
Real Dipole	0.0	---	---
2-element Yagi	4.3	4.3 dB	---
3-element Yagi	6.1	6.1 dB	1.8 dB

Since we started with a dipole, the charts seem to prefer dBd. That is an illusion, since we might have

as easily started with a quarter-wave vertical, a 2-element Yagi (as column 3 shows), or ZL-Special. Moreover, had we placed the models over real ground, the gain numbers would have been intrinsically higher, beginning with a dipole gain of over 7.5 dBi or 5.4 dBd, but the differences would have been very similar.

Fig. 1 shows the free space azimuth patterns for the three antennas. Their relative proportions are identical no matter whether they start with dBi or dBd.

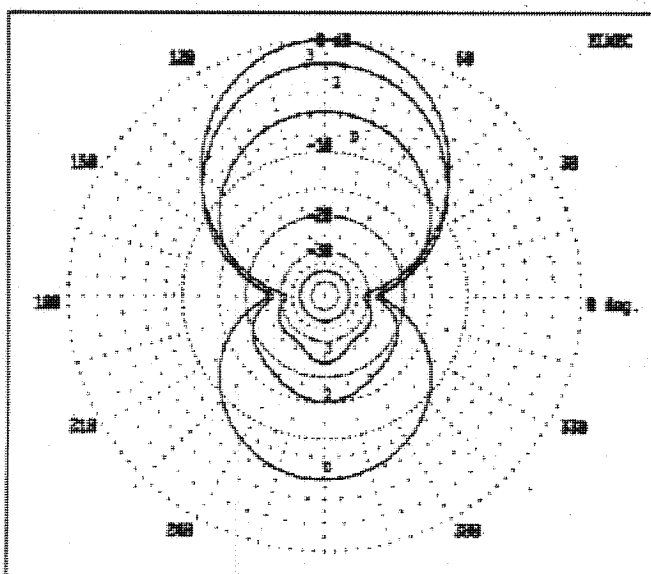


Figure 1

The relative gain of the 2-element Yagi over the dipole is evident, as is the relative gain of the 3-element Yagi over the dipole and the 2-element Yagi. That is what is crucial to know.

*Editors Note - We thank LB, W4RNL for his contribution to **NEWS** by adding another new feature. Next issue LB's topic will be **Invisible and Hidden Antennas**. A great subject for those living in restricted antenna facilities. And the following issue will cover the subject **Where Does the Gain Come From?***

## Wanted - Sponsor 10-10 1995 CONVENTION

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

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



# 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.

00449 WA5QXV - Bernet J. "BJ" Bauer, Midwest City, OK  
 00557 W3FCV - R. F. Anderson, College Park, MD  
 00581 W0RWC - Robert Fuller, South Clinton, IA  
 00959 VE3RC - Reg Pearson, Barrie, ONT  
 01645 W5VGR - Sheldon C. Klock, Sr., Lubbock, TX  
 02222 W0SUU - Joseph R. Altobelli, St. Paul, MN  
 02922 K9MXS - Catherine "Katie" Ensinger, Smithfield, IL  
 03551 K9JQS - Ray Massingham, Evansville, IN  
 03689 W7YRC - Jacob L. Leons, Port Angeles, WA  
 05235 AA4YA - William R. Schoppe, Orlando, FL  
 05483 W6OKX - Lee M. Sheridan, Townsville, SC  
 06063 KB3MZ - William L. Appleby, Long Beach, MS  
 06676 K1FLO - Daniel L. Russell, Smyrna Mills, ME  
 06719 K4EPH - Edward McMullin, St. Petersburg, FL  
 07928 KG7DJ - Charles R. Dorr, Reno, NV  
 08369 K5AK - Ramon R. Narad, El Paso, TX  
 08729 WA02 - Richard E. Rinar, Winterset, IA  
 08825 KE7XL - David Ufer, Missoula, MT  
 09026 WA2KLF - Kenneth L. Rorick, Lodi, NY  
 09543 W6LKE - Dwayne L. Eskridge, Walnut Creek, CA  
 10947 W6OAW - Carl R. Winter, Gardena, CA  
 11343 W8ZYV - Billy Sellman, Rio Rico, AZ  
 11522 WA2UZE - Walter Schkolensko, Hicksville, NY  
 12363 K6PJ - John E. "Nels" Nelson, Richmond, CA  
 12888 W6SKQ - Robert E. Spidell, Lancaster, CA  
 17185 KB5V - Clayton R. Christy, Schertz, TX  
 17207 W3DPD - Marie W. Smith, El Paso, TX  
 17846 W1VUO - Arthur L. Russell, Jr., Salem, MA  
 18114 WD0ANH - Thomas G. Johnson, Sioux City, IA  
 18547 K9VKE - Raymond E. Chausse, Leesburg, FL  
 18797 KV4AQ - Randall N. James, St. Croix, V.I.  
 20809 WD8OYO - David A. Ernest, Westlake, OH  
 25201 W82PWR - Richard V. Sansonia, Farmingville, NY  
 25335 K8QCU - Bryce A. Johnson, Owosso, MI  
 25494 W1RDP - Harold C. Densmore, Milford, NH  
 25762 W8JKDP - Walter J. Ross, Tilghman, MD  
 26105 WA4UQD - Robert N. Willey, Jr., Okeechobee, FL

27094 W0LSC - Jack Martindale, Waukon, IA  
 29282 N9AGY - Howard M. Beals, Indianapolis, IN  
 29719 W4CNQ - Alton L. Erdman, Montgomery, AL  
 30257 VK3YU - R. C. "Bob" Smith, Box Hill, Victoria, AUSTR  
 31444 W7H2L - Alfred B. Cornwall, Grants Pass, OR  
 32065 K4JNU - Harry P. Young, Aiken, SC  
 32467 W9NNV - Kendel D. Swartz, West Bend, WI  
 33223 A34B - Albert C. Brauer, Jr., Portsmouth, VA  
 33935 KQID - Wallace W. White, Auburn, ME  
 34953 AA0EJ - R. E. "Gene" Mulinik, Thompson, MO  
 35834 WMSL - Richard A. Roper, Kentwood, LA  
 41335 W8URM - John J. Eisenman, Inlay City, MI  
 42640 N0GLY - Herbert F. Hensley, Wright City, MO  
 44389 W0RKF - Robert B. Kuehn, Eagan, MN  
 44807 KE5RK - Fred D. Gray, Hot Springs, AR  
 45794 N6WJG - Earl H. Carder, Jr., Westlake Village, CA  
 46011 N0IUT - Frances Vrooman, Colorado Springs, CO  
 47583 WA5RGS - John L. Crist, Dallas, TX  
 48298 N9HSP - Stephen D. Line, III, Granite City, IL  
 48749 KA0ZIP - George L. Coleman, Omaha, NE  
 50251 N7MOU - Robert E. Partlow, Glenomg, WA  
 50512 KN3B - Jim L. Adcock, Indiana, PA  
 50828 KA7QZI - Joseph G. Gilg, Billings, MT  
 50915 K6TLA - Rollin Versteeg, Palm Desert, CA  
 51494 K04DE - Earl J. Diehl, Falls Church, VA  
 51719 KA0RBN - Herman A. Ries, Moberg, SD  
 51884 NT6E - Reva J. Bromwell, Redding, CA  
 51992 WJ9Q - Peter Lombardo, Fortage, IN  
 52416 KA1SJH - Donald E. White, New London, CT  
 53884 N02J - Frank G. Babos, Morris Plains, NJ  
 53980 WD0AFF - Thomas M. Zieha, Dallas, TX  
 57357 N9JDF - Cornelius A. Santal, New Memphis, IL  
 61895 KC4CMF - Fred H. McKinney, Greenwood, SC  
 62572 N7UCU - William A. Turkish, Woodland Hills, CA  
 62933 N9MKO - Allen E. Greer, New Albany, IN  
 63488 OE1MBB - Markus Bayer, Wien, AUSTRIA

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

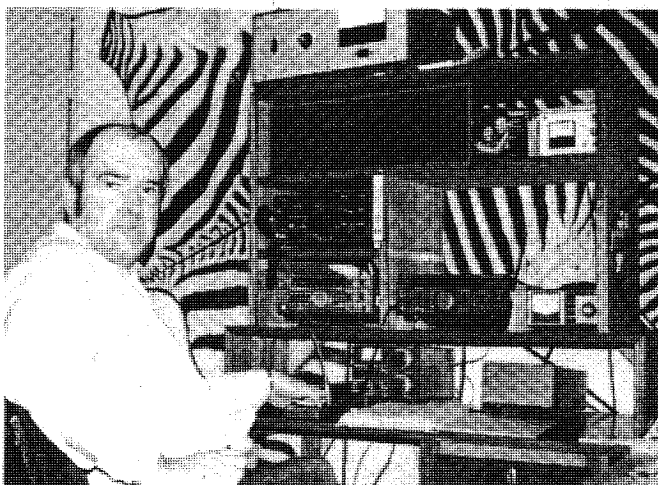
Grace Dunlap, K5MRU #218  
Silent Key Manager

PO Box 445, LaFeria, TX 78559-0445

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

## Springbok vs Springbuck

Don Milner, ZS6AQS #61510, the new Chapter Head of the Springbok Chapter in Pretoria, South Africa, writes to tell all that the correct spelling of the Springbok Chapter is as noted and not Springbuck



Don, ZS6AQS #61510, CH Springbok Chapter

as is often used. Don says "It can get a bit confusing when some of our members use "bok" and some use "buck. We are trying to get this sorted out over here as well".

Don is a disabled person and derives a great deal of pleasure from 10-10 and says he has made many new friends in 10-10 world-wide. His hobbies, besides ham radio, are packet radio and also enjoys computers.

## Attention Mom's and Dad's

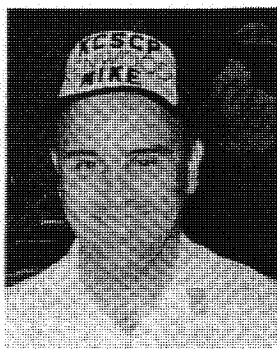
Do you have a boy or girl under the age of 14 that has their ham license, and their 10-10 number? The **NEWS** would like to do a series of stories on our younger members, **The Future of Amateur Radio**.

Send information about your "young ham" to the Editor, address on page 2, along with a picture.

The most inflammable piece of wood is a chip of the shoulder.

# TenX DX NEWS

By Mike Davidson  
KC5CP, #24949



## 269 10-10 Countries now listed!

Last issue I talked about the number of 10-10 countries that had been active. Just before the **10-10 Convention** I obtained a computerized copy of the ARRL DXCC list. I updated it using the **K1AS Alan Sherman** 10-10 countries worked list, my worked countries, plus ones that have had a member living in the country and DXpeditions. I then found a **big difference** with the 10-10 data compiled in the last DX News article. The result was **269 10-10 Countries** have been available of the present 327 ARRL countries!

This updated **10-10 DXCC** list came out very nice. It lists the primary amateur prefix, country name, continent, ITU & CQ zones, hours from UTC, latitude, longitude, ITU prefix allocations, and I added a 10-10 indicator. I will send my list to Alan K1AS and ask him to update it from his records and keep this **10-10 DXCC** list up-to-date. Those of you that attended the **10-10 Convention** may have gotten a copy of this updated **10-10 DXCC** list and past issues of my DX News articles. Remaining copies are available for 4 oz. postage.

The 1993 Ten Meter Contest is now history and my mixed mode effort netted me 59 countries and 338 QSO's. Band conditions were **below average** for the contest and I expect this will continue in 1994 until March 1996 when this Solar cycle bottoms out. Solar flux will average **86-99** in 1994 which will be **ten points** lower this DX season than last and reoccurring coronal hole activity will produce disturbances and no skip. Expect the **A** index to be greater than 20 and the **K** index greater than 5 about **30%** of the time and signals will be absorbed and result in no DX. Remember to listen for the **beacons** (28200-28300) when you want to check band conditions.

**TU2PA Ivory Coast** by Bud #52795 was worked when the band opened in October. He uses a TS440 into a TH6DX antenna. Bud has been in Africa 37 years, will retire in July at age 65 and hopes to move back to Georgia. His biggest problem over the years is a 5-6 month delay for

mail. His QSL manager is KE0LS.

**ZS8MI #64647 Marion Isl.** is new 10-10 Country! The radio operator at the Marion Island station **ZS8MI** is **Christy ZS1CDK**. The **ZS6 Springbok** chapter on 28425 got Christy interested in getting **ZS8MI** a 10-10 number! Christy communicates by radio with his homeland as the island does not have regular mail service. (I am not sure but he may be replaced by another operator when the next boat arrives with supplies.) So it was important to me to expedite a number for **ZS8MI**!

**ZS6CGS Peter #55558, ZS6KQ Deryk #61560, & ZS6AQs Don #61510** on 28425 gave to me the necessary data, I paid his membership fee and then sent this to **Carol K8DHK** who assigned **#64647**. On Oct. 16th I relayed this back to **ZS6CGS Peter** and the next day **ZS8MI** received his new 10-10 number.

Christy is the radio operator for the weather station on **Marion Isl. 37 deg E. & 46 deg S. or 1300 miles SE of South Africa**. Christy decided he wanted a number for his **ZS1CDK** call. Again the **Springbok** chapter relayed the information to me, I verified it and sent the application and a check to Carol K8DHK. On Nov. 23rd, I relayed to **ZS6NB Ken #63494** and **ZS6KO Bill #24630** gave it to Christy **ZS1CDK #64659** during a schedule. Christy meets with the **ZS6 Springbok** members on 28425 but not very often due to poor band conditions. He likes 20 meters and that is where I worked him in July with a 52 signal. He is using a rhombic antenna that is low to the ground. I had two schedules with Christy in December but no luck. Everyone needs **ZS8** for a new 10-10 country and I hope to put **ZS8MI - ZS1CDK/ZS8** into the log soon! Good luck.

**7P8SR Lesotho** by Ray #46990 will leave Dec. 95. Ray has been there two years with his TS140 into a

.....continued on page 11



Frank, SP9FV #63458

# TenX DX News

continued from page 10

TH3 at 40 ft. He requested his QSL's direct but his address is not in the 93 callbook.

**TR8JLD Gabon** by Jean #39319 has not been heard from by his QSL manager Dan **AK1E** since 1990. Dan can answer QSL requests for TR8JLD from 1983 until the last log dated 8/27/90.

**3Y Peter I Island** Dxpediton is still set for Feb. 1994 and will last 16 days. **K0IR** Ralph #2609 and **WA4JQS** Tony #3621 are members of the team. Peter I is the most needed country, thus the pileups will be magnificent. Good luck.

**9J2FR Zambia** by Renzo **I2KRR** #27983. QSL to Renzo Rava, Via Emilia 186, I-27058 Voghera Italy

**KG4DX Guantanamo Bay, Cuba** by Jim **KD0XK** #19443. Jim was operating the day of the 10-10 Convention and I worked him mobile from Wichita Kansas. QSL after June 93 to **K0IEA**.

**P43WLP Aruba** by William #52718 had taken down his beam during Hurricane season but now has it back up at 35 ft. He enjoys the mild climate in Aruba which lasts all year long. He retired in 1983 and now works on his radios. QSL William Phillips, POB 2035, Aruba, South America.

**KN4UG/VP5** Don #59764 and **KB4IRS** Harry #63522 were in **Turks and Caicos Isl.** in Dec. QSL to their home addresses.

**VS6TA Pitcairn Isl.** by Trent #64649 plus **VS6KY** #64650, **VR6DB** #64638, **VR6ME** Mark #63499, **VR6DR** Dennis #64602, **VR6ID** #64654 & **VR6CB** #64655 have joined 10-10 the past 4 months!

**J69BB St.Lucia Isl.** by Rose Mond ex **J6LQC** #47428. We worked in October and he had lost his 10-10 number. I used my computer to find his old call and number without any trouble! He was impressed and promised to give out his new **J69 St.Lucia** prefix with a 10-10. QSL to Rose Mond, Box 1563, Castries, St. Lucia, Windward Islands.

I recently printed all the **VP** numbers using computer software from **K4HAV** Jim Hardy. I found the highest **VP 2710** belongs to **PA3EQU** #47493. Other are as follows: **ZS6AQS** #61510, **ZU1AT** #62258, **WP4XJ** #47481, **G4XGF** #50457, **VP2VF** #63440, **VE6SYN** #58932, **ZS4AE** #62224, **ZS6AUH** #52757, **VE7AAP** #50407, **I6YEF** #34498, **WP4AFA** #49117, **ES1QD** #54271, **WH6DZ** #60915.

## Letters & Cards Received:

**WP4LNY Puerto Rico** by Julio #64747 sent me a



Father Camillo, 5H3CC #62214  
At the operating position in  
Kipengere (Tanzania) Africa

QSL & photo, thanks Julio. QSL to POBox 19715, F.Juncos Sta., San Juan, Puerto Rico 00910.

**DL3EAY GDR German Democratic Republic** by Klaus #42003 wrote me about **DL7VTM (ex-Y58IO)**. He reminded me that the DDR went QRT Oct. 3, 1990, the zip codes for the old East Germany have changed and the postage rate for a QSL is 2 green stamps or 2 IRC. One IRC or green stamp is not enough for return postage. QSL to Klaus Elsebusch, Postfach 100407, D-46004 Oberhausen, German Democratic Republic.

**ZD7CRC St.Helena Isl.** by Chuck #63447 sent me a picture postcard & QSL. The QTH postcard showed me his small town with his street going down to the Atlantic. Chuck is a new member and is working on many awards like WAS. QSL to Chuck Chalmers, POBox 126, Island of Saint Helena, South Atlantic Ocean.

**9L1CF Sierra Leone** by Frosty **K5LBU** #51322 finally got a **9L1** callsign after a one year wait on government officials! His name is Charles Frost but when he lived here in Houston we called him Frosty. Several Houston friends recently bought him a radio to replace a broken rig. He and his wife Jeanne will be working with the Baptist mission in Freetown for at least 6 more months. Listen 28375 at 1400. QSL to Kent Marshall, 14203 E Cypress Forest, Houston TX 77070.

**NR6/NN7A Honduras and V31JZ Belize** by NN7A Art #39677 was incorrectly printed last issue as NN7R. Please use an SASE to QSL to **NN7A Art Phillips**, POBox 201, Flagstaff AZ 86002 for Art's beautiful QSL photo card! Sorry for the mistake.

**10-10 ISLANDS ON THE AIR (IOTA).**  
**OC-002 Christmas Isl.** by **W5KNE/VI9XN** Bob  
.....continued on page 23

# CONTEST RESULTS

## SUMMER 1993 SSB QSO PARTY

### Summer '93 SSB Contest Chapter Scores

CHAPTER	LOGS	QOS'S	POINTS
Possum Trot	41	2626	4905
Lone Star	32	2178	4162
SHOT	17	2120	3934
Golden Bears	18	1547	2796
Colorado Bighorn	10	1499	2774
Battleroad	14	1454	2695
C.A.T.T.	25	1370	2614
Bay Area	20	1464	2613
Blue Bonnet	7	1397	2573
Suncoast	12	1114	2104
City of Lights	22	1114	2096
Old Dominion	20	1080	1976
Branding Iron	5	1006	1890
Trotters & Pacers	9	1010	1848
Ft. Mc Henry	16	816	1534
Steel City	9	816	1492
Bauxite	9	583	1078
Land O Lincoln	2	564	1063
Gateway	9	399	777
Cypress	3	345	666
Cradle of Liberty	6	290	528
Sky Blue Waters	5	269	527
Lighthouse	1	271	513
Electric City	2	262	506
Minuteman	3	262	474

Brooklyn Bridge	5	243	445
Eagle Watch	1	251	426
Norwalk Keystone	3	219	401
Hudson Valley Hamsters	2	201	366
WGPP	3	191	364
Windfarms	6	164	321
City of Roses	7	157	304
Milwaukee	5	157	278
Liars	2	149	262
Great Smoky Mountains	4	132	243
Choctaw Bay	1	125	240
Ten Bar X	1	111	214
Harborites	1	108	199
Aftershock	2	86	164
High Rollers	1	84	160
Crazy 8's	3	85	151
Red River Valley	1	79	151
Coffee Cup	1	70	134
Grinning Armadillo	1	66	127
Mo-Kan	2	66	127
Michigan Robins	1	61	117
Egyptian	2	73	100
Okie Relay	1	51	100
Republic of Texas	1	41	81
Down Under	2	31	59
Whitehouse	3	25	48
City of Melbourne	2	18	35
Lindbergh	1	17	31
Music City	1	14	28
Borinage	1	23	27
Berlin Bears	1	20	24

### Summer 1993 SSB Contest *de the Chairman*

The Summer 1993 Phone QSO Party netted 483 logs with 56 Chapters reporting. The average number of QSO's was 77. This may seem lower than previous summer parties, but let us not forget where we are in this sunspot cycle! Actually, we received more logs than was expected.



It has been a real experience scoring the last two SSB contests. If your Chapter has never participated in the scoring process, we highly recommend that

you become involved. If nothing else, it is a real study in propagation.

Our apologies to Mimmie, KO4FB #57510, and Daryl, N5SCA 57160, for omitting their scores from the results of the February contest. Mimmie had 87 QSO's and 157 points, and Daryl had 170 QSO's for 312 points.

Congratulations to Mike Davidson, KC5CP #24949, of Houston, Texas, for his World-Wide Win in the August 1993 QSO Party, and also to The POSSUM TROT Chapter for their aggregate win. Top DX honors go to Judy Millsbaugh, VP5JM #52729.

My personal thanks to Eva, WB0CON #53964, for her help in scoring. And to the City of Lights Chapter, Good Luck in scoring the upcoming contests.

.....Don Zielinski, K0PVI #9902



# CONTEST RESULTS

## SUMMER 1993 SSB QSO PARTY

### TOP TEN WORLD

	CALL	QSO'S	POINTS
1	KC5CP	523	954
2	N9OSN	490	923
3	WA5JDU	523	921
4	VP5JM	527	918
5	PY4VD	402	738
6	W5RAN	400	728
7	KD4GW	409	713
8	WB5PNL	350	652
9	KC6QXU	362	641
10	K0PVI	338	630

### USA DISTRICT WINNERS

	CALL	QSO's	POINTS
1	KC1FV	229	419
2	AA2BY	208	376
3	NI3I	217	392
4	WB4EVH	330	617
5	KC5CP	523	954
6	KD4GW	409	713
7	AA7QO	234	415
8	W8PJY	120	218
9	N9OSN	490	923
0	K0PVI	338	630

### AREA 1

	CALL	QSO's	POINTS
	KC1FV	229	419
	KA1YIY	222	399
	K1IEQ	194	356
	K1ETT	177	315
	KA1YHI	119	220
	KD1NE	114	211
	WA1EBJ	99	188
	W1RFB	96	187
	W1SQM	90	167
	WA1DUZ	84	156
	KD1LF	82	152
	W1MXI	74	143
	KB1AWE	75	135
	WB1ENL	57	107
	N1NQD	52	93
	KC1MI	44	83
	K1SVP	41	76
	W1SIX	34	68

N1NNI	27	52
N1OMS	24	42
KA1RVY	14	26
KA1CRA	10	20

### AREA 2

CALL	QSO's	POINTS
AA2BY	208	376
WB2WER	174	315
WB2LLH	145	263
WB2HIW	144	262
W2SUH	137	238
KD2EC	106	193
K2HLC	94	177
NC2Q	95	173
WA2CKP	86	157
WB2SXT	82	152
KB2MRI	60	118
W2KRK	61	114
N2EZL	63	111
AF2K	55	99
N2LQY	51	95
N2UEI	42	80
K2HCP	41	75
N2TDT	39	73
N2LDU	42	71
KF5UN	31	61
WB2ZSW	17	31
W2KZE	12	24
WB2COL	11	22

### AREA 3

CALL	QSO's	POINTS
NI3I	217	392
KC3PZ	177	326
N3GZE	121	228
K3ALQ	118	209
KA3SDA	89	169
KA3SZR	63	117
N3FOG	54	100
K3TUJ	48	93
AA3CA	46	87
WB3AEX	46	87
W3BNQ	43	80
KA3NMB	44	79
KA3SBO	40	74

N3DUE	33	65
N3BLJ	31	60
KA3YAH	33	59
W3FQN	29	57
KA3HZI	30	54
WA3MIK	29	53
WA3JYX	26	51
KA3QOY	26	44
KB3AGZ	25	44
KA3YRA	23	42
N3FUR	20	39
KA3AVB	15	28
WB3BMA	13	24
K3VOA	12	22
WB3IHQ	11	20
WA3YVU	7	14

### AREA 4

CALL	QSO's	POINTS
WB4EVH	330	617
KC4LOR	257	475
AA4UF	251	426
W4JHE	238	425
KE4PE	218	420
K4HTU	209	403
WB1DBZ	204	393
N4ANV	160	294
AB4HR	143	274
KA1OZD	147	273
NR9A	150	270
KC4MAI	145	263
W4GQM	130	250
KD4DSJ	130	242
W4WKQ	125	240
AB4IQ	126	238
KO4PI	135	237
KD4WYS	120	220
KO4FB	112	212
N2EGO	114	212
KC4YVJ	118	211
AA4UO	112	209
W4LPL	109	205
W4PNC	107	201
KL7NL	108	200
N4UGH	109	198
KD4GAA	108	195

# CONTEST RESULTS

## SUMMER 1993 SSB QSO PARTY

### AREA 4 continued

KQ4YY	101	194
K4PXO	105	185
KO4PE	101	183
WA4HDP	96	183
N4ZGC	100	181
WA4QDM	95	175
N4FBY	91	174
AE2L	89	172
WA4YMD	91	169
KC4UM	87	165
KC4TAR	79	156
KD4UIE	82	153
N4FHM	81	153
KD4LDR	78	152
KD4ETE	80	147
K4HYM	77	145
KD4UTW	74	144
KZ0X	76	142
KD4EVS	75	142
KD4AMP	73	141
WA2EFV	69	137
KC4JAN	71	130
WH2AAT	69	129
N2OYV	69	128
KD4NOE	70	127
KU4W	64	125
K4HAV	62	123
KC4WPG	68	123
KD4KWT	63	122
WV4Y	66	121
KD4IBI	62	120
KD4JLB	66	119
AC4OB	65	114
WA2OIZ	58	113
N4EWG	61	112
WA4HMX	65	111
KD4GUA	62	109
KN4SS	55	105
KJ4SJ	55	103
WB4GVZ	52	100
KD4XC	52	98
KB4UQM	49	94
KJ4RV	48	94
KD4VFB	53	91
NS4J	45	89

K4MAC	47	89
KB4BBC	44	87
NS4U	45	87
N4DTB	45	87
W4WJV	43	85
KD4YSN	41	81
KC4TBS	41	79
AB4WU	39	76
KD4IGP	42	76
K4QFK	39	76
KC4RSZ	41	74
KD4URA	40	72
KC4LSG	36	71
KA4RVZ	40	71
KC4FC	37	70
KB4WIN	36	70
N4EKD	36	66
KB4NVD	34	64
KK4TB	32	60
AC4UM	32	59
W4EHF	30	59
KC4THA	29	57
W4KFV	29	56
AA4PR	25	50
KC4THF	25	49
KB4IH	25	49
N4ERM	26	47
KD4TYE	25	47
WA4SJY	23	46
KD4EEB	22	44
WB7OND	22	44
WB4WZH	22	44
WD4JHN	21	42
WA4TKN	22	40
WA4LZD	21	40
WA4DAI	20	37
KA4HLJ	14	28
KD4YLR	15	28
KN4XP	14	27
KC4YVA	13	25
KC4TDK	12	23
WA4NOW	11	22
KD4LUG	12	21
WN4BBJ	11	20
KD4MHH	9	17
WA4TJW	7	10

N2DNY 2 4

### AREA 5

CALL	QSO's	POINTS
KC5CP	523	954
WA5JDU	523	921
W5RAN	400	728
WB5PNL	350	652
N5DAS	331	616
KA5VVD	303	562
W5OXA	271	513
N5VAV	282	510
N5XJD	234	437
N5NYN	228	428
N5XES	219	415
N5SCA	207	397
N5NHY	153	293
N5SGL	151	284
KC5BKT	155	279
KG5NO	149	275
WA5OEA	143	269
KB5UNX	141	267
WQ5Y	135	259
K5NE	140	258
KJ5JR	140	251
WA5RNV	130	249
WD5EDR	126	237
KB5DQX	118	228
W5GVB	120	227
KG5QX	123	225
K5DIT	111	214
KF5CA	110	208
WA5JDM	105	204
K5HGL	102	200
AB5MU	117	192
N5NRO	101	185
W5EIJ	98	185
WJ5D	92	177
N5SQQ	91	175
N5SQQ	88	169
K4NF	86	168
WD5HJC	86	154
AB5OK	79	152
KD5DE	79	151
W5VNB	78	149
N5WYR	76	141

# CONTEST RESULTS

## SUMMER 1993 SSB QSO PARTY

### AREA 5 continued

N5AFV	76	140
KA5LQJ	70	134
WD5BFO	70	133
N5RBC	69	133
N5FTF	66	130
WJ5O	66	127
AF5A	66	127
KB5VTB	68	124
W5NDK	55	106
W5QVS	54	105
AD5F	55	105
WB5RKI	54	105
N5POS	52	101
WA5EXY	51	100
WA5EBJ	50	98
N5VAU	49	94
N5PWW	49	93
N5VJD	47	92
KJ5L	46	90
N5VQJ	46	89
N5XSW	43	86
N5ACH	43	86
KA5MJX	41	81
N5ETK	41	79
KB5JIZ	37	71
KC6BRR	34	68
W5FHW	35	66
KB5UZV	34	66
KB5OHC	30	58
W5OP	29	55
N5DIU	27	53
KB5OYV	26	52
KF5SB	25	47
KA5SOI	25	47
N5BFO	23	45
N5XYN	22	40
KB5TIB	20	40
N5XWU	22	40
N5ANN	20	38
WB5VEV	18	36
W5UFA	19	36
KB5JW	18	35
KJ5JP	16	30
KD5ZD	15	30
WA5KYO	15	29

N5SEB	11	17
AB5CY	8	16
WC5S	8	14

### AREA 6

CALL	QSO's	POINTS
KD4GW	409	713
KC6QXU	362	641
KB6NAN	284	504
WB6ROU	198	351
K6PZE	135	237
WA6SHM	115	204
KD6DZE	113	196
K6IQY	99	191
WA6LRF	101	189
W6LII	99	189
AB6QM	96	178
KC6SEH	95	174
KC6AZV	144	167
N6SNO	87	156
W6YLJ	81	150
KM6PI	81	146
WA6VLS	70	135
WA6OCP	70	131
KB6YX	66	125
KB6AN	66	125
N6BCT	64	116
AB6GS	64	116
KB6UW	60	115
KB6SWI	59	115
KB6SWH	59	115
WA6YRL	64	111
KB6DXR	57	110
N6TXT	56	107
KC6LKB	54	105
KC6DMQ	56	100
KA6VQV	53	97
WB6NYM	50	96
WA6TDL	49	94
N6MCF	46	89
N6FZS	46	89
N6SIF	43	82
KC6EHY	43	82
KA6GPC	38	75
W6VKP	39	73
WB6IJY	38	72

KA6BUM	36	68
KM6NR	34	65
K6VXY	33	64
N6WFM	33	60
N6EVG	32	60
KD6ULV	30	57
KK6GN	27	53
AA6UU	26	51
N6SVD	19	38
KI6OY	18	36
AA6EW	18	35
KE6KL	15	29
KD6IAF	14	28
KF6JG	13	24
N6SLE	10	20
KM6RL	8	16
W6KVA	1	2

### AREA 7

CALL	QSO's	POINTS
AA7QO	234	415
KB7PIY	116	217
N7VBN	107	209
KB7EQW	108	199
WA7TWI	102	196
KG7EZ	99	186
KA7PVJ	85	165
N7HDB	84	160
N7JCZ	58	110
N7ZVK	41	75
K7PRZ	31	59
KA7CII	23	45
WB7SYO	17	34
KB5VV	16	31
W7DIF	10	20
AA7FK	10	20
K7QXG	9	18
WB7TIM	9	18
KA7AMZ	7	11

### AREA 8

CALL	QSO's	POINTS
W8PJY	120	218
N8FU	89	176
K8DHK	89	176
N8KOJ	78	151

# CONTEST RESULTS

## SUMMER 1993 SSB QSO PARTY

### AREA 8 continued

W8JSM	74	146
KJ8V	72	136
N8GBE	67	129
N8ZFM	64	120
WB8BUQ	61	117
WD8MQJ	60	113
KW8X	56	111
WB8STO	58	111
NB8K	46	92
WC8E	44	86
WB8FDY	43	82
WB8FDX	43	82
KB8HGY	33	66
WB8KLP	27	53
NU8U	24	48
KB8MYD	22	44
W8LBQ	20	40
K8DEN	18	36
N8WMB	18	35
KC8ND	13	26
WB8MZD	9	18
W8IIO	9	18

### AREA 9

CALL	QSO's	POINTS
N9OSN	490	923
WN9P	311	576
KE9WZ	189	339
KE9VK	158	283
KE9CX	140	262
W9WYN	133	239
N9QKA	114	210
WA9OHU	100	184
WA9RIJ	94	174
N9FXS	88	168
N9KBJ	90	168
N9CEQ	86	160
W9PQH	84	157
N9MXT	87	150
WD9GAL	74	140
WA9TWE	69	126
KD9RU	65	123
KB9FGD	60	114
WX9I	55	102
NE9R	51	97

WA9AUW	50	97
N9CQO	48	90
N9AAI	48	88
AK9Y	46	84
N9LWN	39	74
W9ETU	37	73
NA9A	36	70
N9IBU	41	68
WS9F	32	63
WI9Z	31	61
WD9HKI	28	55
N9FWN	28	54
WA9SFH	28	51
KB9ENH	23	46
AI9U	23	44
K9KKX	20	39
N9MYL	20	37
KA9QDK	18	36
KA9MXM	20	34
W9HOT	17	32
WB9VWU	12	24
N9KBI	12	21
WB9LRK	11	20
KC9OZ	10	16
N9OPV	2	3

### AREA 0

CALL	QSO's	POINTS
K0PVI	338	630
WB0CON	261	480
KB0KY0	200	367
WB0BJL	133	250
KF0JF	94	181
W0ERZ	91	175
KB0ADI	83	159
N0TDS	81	157
K0LT	79	142
W0RTV	69	136
KA0ZIA	66	131
KA0ZPP	65	129
N0DBG	65	128
N0ALC	63	112
WB0QXJ	57	110
WB0CCF	57	109
K0WEX	56	109
KG0AY	57	108

WB0RHR	52	99
KD0IR	36	71
WB0GFV	31	62
WD0APK	27	53
WB0GGO	25	49
KF0SR	20	40
W0POF	20	39
W0JDP	18	36
W5SRQ	18	32
N0PFY	16	31
WA0GRM	15	30
KB0EBJ	15	30
N0HBH	14	28
WB0MNY	13	26

### AREA DX

CALL	QSO's	POINTS
VP5JM	527	918
PY4VD	402	738
HP6AYV	296	528
CX4HS	240	445
PY2DBU	155	301
IT9NAN	60	74
VP2VF	35	39
LU5HEN	17	31
ZL1LE	16	30
VK3AFM	15	29
ZL1KQ	15	29
PA3AJT	23	27
DL7UDO	20	24
KH0AU	14	17
VE7XO	7	14
VE5YH	7	14
SM5BTX	5	8
JH1UUT	5	7
VK3YU	3	6

### NEXT CONTEST

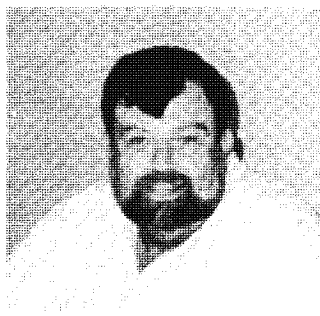
WINTER SSB  
February 5, 0000Z  
February 6, 2400Z

Plan ahead now to save  
this weekend for 10-10



# Chapter Coordinators Column

David Prichard  
KA5OVO  
#37297



**Affiliated.....**North West Florida.

**Reaffiliated.....**Nutmeg, North Star 49'er.

**No Longer Affiliated.....**No reports for 15 months:  
Anthracite Breaker, Chief Anderson and Tango.

**In Extremis.....**Blackhawk Valley, Borinage, Egyptian  
radio Club, 51st State, Grinnin Armadillo, Land of  
Legend, River City, SAF and Sky Blue Waters.  
*Report by March 5, 1994.*

**Whats New?.....**

**AIR CAPITOL (K5ERJ)...**The Sunflower seal issued  
at Wichita replaces the Anniversary seal issued at  
Shreveport. Anniversary seals should be dropped  
from certificate lists. There will be changes to the  
Pilot requirements after 01/01/94. An SASE to the  
CM will bring a worksheet.

**ALII'S (NH6SJ)...**Chapter has a new WAS program  
starting January 1, 1994. Work a **AlII's** member in  
all of the 50 states. Mobile contacts are OK, but  
each mobile can only be used once. No retroactive  
contacts will be allowed. Send log info along with a  
SASE to WAS CM, KH6F, Gemi Pascua, PO Box  
675, Koloa, HI 96756. You must include proof of  
current dues in 10-10.

**BROKEN HEART (K4CIH)...**Chapter with the  
cooperation of the West Alabama ARC will be  
awarding the Bear Bryant Commemorative certificate to  
those who qualify. Starting date is January 1, 1994.  
There are 7 special stations who are instant  
qualifiers: WB7TIM, KF0SR, N3FUR, KB5NVX,  
KC4SDU, KC6LKB and one station not named that  
will add 150 points to your total. Certificates are free,  
but you should send a 9 x 12 size envelope to  
prevent having the certificate folded. Log info must  
include date, call, BH#, and current point value of  
contact. Point values must be correct. Send info  
and SASE to K4CIH.

**CITY OF MELBOURNE (VK3AFM)...**A change in  
Chapter Head has been made because of the move  
of Bill, VK4WBH to VK4-land. VK3AFM is now CH  
and CM.

**COLORADO BIGHORN (K0PVI)...**Chapter Head has  
asked to have the Chapter listed as inactive until a

new CH and CM can be found. Don wants to thank  
all of the members for their interest and support for  
the last 15 years of operation.

**GB10 (G4KHF)...**Wichita numbers are collectable for  
a one time +5 point upgrade each. Starting  
December 1, 1993, and with no time limit, find and  
work the one GB-10 member that has their  
certificate dated Christmas Day, December 25, for a  
10 point upgrade. several new upgrades are also  
available.

**GREAT LAKES (WA8OXS)...**As of 11/01/93 CM is  
also the new CH. Bob Nickel, WA8OXS, 10665  
Stromboli, Tucson, AZ 85737.

**GREAT SMOKY MOUNTAIN (W4RNL)...**The  
chapter has a new Tennessee River upgrade  
program. Collect Special and Upgrade numbers at 5  
points each as a bonus for participating in the  
Pioneer program. For full details, send a SASE to  
CM.

**GOLDEN BEAR (KB6AN)...**Starting January 1,  
1994, new certificates will be numbered. Those  
already holding the basic certificate will be sent a  
post card with your number. Changes have also  
started on RENO FOLLY '83 and GRUB STAKE  
certificates. SASE to Betty Becker, KB6AN, 2170  
Forest Lake Drive, Rancho Cordova, CA 95670 for  
details.

**LONE STAR (KJ5JP)...**Chapter now has a new  
Certificate Manager. Send applications to Morrie  
Pickler, KB5UNX, 3200 Kenilworth Drive, Arlington,  
TX 76017.

**NORTH WEST FLORIDA (KE4ACC)...**We welcome  
our newest chapter from the Crestview, FL area.  
Chapter has no certificate program at this time, but  
everyone is welcome to check into the daily nets at  
0030 UTC (S), 0130 UTC (W), on 28.375.

**OCEAN STATE (W1SQM)...**New CM is now also  
new Chapter Head. George Wilcox, W1SQM, 463 S.  
Main Street, Woonsocket, RI 02895. Lots of new  
upgrades and specials starting. QUAHOG upgrades  
also go to same address. SASE to CM will bring  
details.

**QUEENS & KINGS/D. DOLLS (K7CZQ)...**The  
CM/CH is in the hospital and will be unable to do  
upgrades for some time to come, so please hold  
them until further notice. We wish Bea a speedy and  
full recovery.

**SUNCOAST (WA4HDP)...**CM has a new address.  
Send applications and upgrades to J.T. Wood, 5475  
W. Riverbend, Donelleon, FL 34433.

**TROTTERS & PACERS (K2HLC)...**There have been  
several modifications to the certificate program with  
.....continued on page 18

## Chapter Coordinators Column

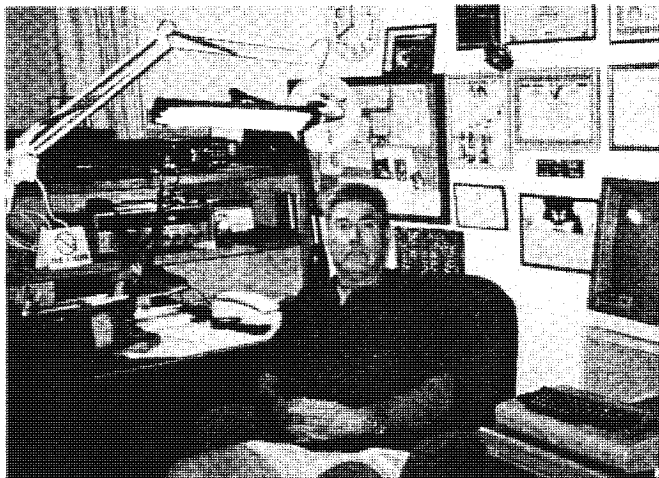
continued from page 17

most incentives now toward the Winner's Circle award and especially on the Raceway award. SASE to NN2B will bring information. Also new address for the basic CM, John Drozdowski, WB2LLH, 16 Garvey Drive, Jamesburg, NJ 08831.

**Other News.....**There is now a committee in place to oversee applications to start new 10-10 Chapters. This committee is to check all applications making certain things are in order. There will be some guidelines as to certificate quality and cost. The certificate program is not to be a money making project of the chapter and in fact, the money charged for the certificate should be as close to the actual cost as possible. The committee will also review current chapters to be sure they are active and following the rules for chapter activity. It is the hope of this committee and of 10-10 to help build strong and lasting chapters.

**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 Awards Guide and in the monthly Guide updates. We do not want to have our members waste their time and or money to support a chapter that is no longer active.

I must have my report in 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.



Alvin, N6TXT #50198

## A Milestone - #65000

### Jim Knowles, KC5BFE

10-10 reached another milestone recently with the issuance of 10-10 **#65000**! The lucky new member to receive this milestone number is Jim Knowles, KC5BFE of San Antonio, Texas. Jim was born in Texas in 1954, was licensed in 1993 and joined 10-10 in 1993, and was issued #65000.

Jim is not married and is a law enforcement officer. The only other ham in his family is his brother, Tom, WD5CGU.

Jim says: "My schedule is somewhat hectic at times, but I am studying now to upgrade. I passed the General written exam and missed the Advanced by one! I'll pass the Advanced next time! Then gotta get that code speed up. I think this hobby will be something to enjoy for many years to come."



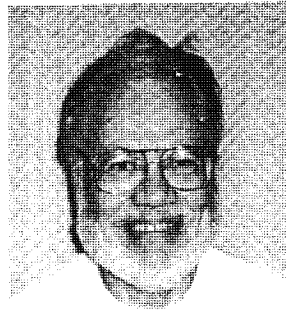
Jim Knowles, KC5BFE #65000

Jim would like to thank a new ham friend of his, none other than Robert, WD5JDU #3017, for introducing him to 10-10 and for giving him, over the air, his first 10-10 number. Jim says: "Robert is a blind operator and I've watched him operate his equipment. It's amazing, and he has 21,000+ 10-10 numbers."

*Editors Note - Most of us that have been around 10-10 for a few years know Robert. He is a remarkable person, and a great booster of 10-10. I looked back in the earliest copy of the **Bulletin** (the former name of the **10-10 International News**) that I have, Winter 1980, and Robert was 2nd on the **Honor Roll** with 6300 contacts, behind Grace, K5MRU #218 who was listed with 8500 contacts. Robert moved into a tie for the top of the **Honor Roll** with Grace in the Fall of 1983, each having 13,000 contacts. The Winter 1984 issue of the **NEWS** listed Robert in the top position with 13300 contacts and he has been on the top of the **Honor Roll** ever since!*

# Paper Chasing

By Chuck Albrecht  
N0CKW #8105



It was two years ago that the editor asked me to write a column on paper chasing to explain the what, whys, and how of collecting chapter awards and upgrading them. A lot of newcomers to 10-10 were very confused as to what were very confused as to what it was all about. I hope that these past columns have served to show you what's its all about.

This column is being written to warn operators of the perils of going to extremes with it. It has been my opinion that the number one reason to enjoy the hobby of amateur radio is the joy of making friends with people all over the world and to be able to maintain these friendships through the years. The basic two-way "rag-chew" QSO is and always has been prime. As ten-ten'ers we also exchange our membership number during the contact. With those that are paper chasers the act of exchanging lists saves time during the QSO for other pleasantries. If a station states that he/or/she does not have a ten-ten number and shows interest to find out more about it, by all means tell them. Explain it. BUT, if that person indicates that they are NOT interested, then by-all-means do not press it. BUT, please continue the QSO as normal. Don't just say goodbye and end it because they do not have interest in 10-10 or paper chasing. If treated politely, these stations might in time become interested in joining. However, if they are treated wrongly, they will never again be interested.

Contests are fine in their place and we have four QSO parties (two CW and two SSB) each year to give us a chance to pick-up many new 10-10 numbers to add to our bar awards. But, it has become a contest every day to some who only make a contact for chapter specials only instead of having a pleasant exchange of greetings and comments that are so very important to our friendships and to the hobby of amateur radio.

Ever so often I come in contact with a station that has been absent from the scene for some time. When I ask that person where have they been, they reply that they had just "burned-out" with the daily "contesting" for chapter upgrades and had moved to

other bands or activities for a while. One such person is Al, NN1J #41728, (RI) who popped up again the other day. He stated that he had returned, but only to collect the upgrades with his own area chapter awards.

By now you have read about the Colorado Bighorn Museum of Amateur Radio with Don, K0PVI #9902, as curator. It is a fabulous place to visit and I invite everyone going through this area in Colorado to stop by and see what Don has put together. He too has "burned-out" to the point that he spends more and more time on 40 meters with some of his vintage gear. His 10-10 Chapter (The Colorado Bighorn) has for the present, been placed in inactive status. I too have been enjoying more time on 160, 75, 40, 15 and 17 meters. I find it very refreshing to meet and converse with new friends for just good-ole-rag-chewing.

I think the word to discuss is: "INTIMIDATE". When newcomers start out with 10-10 they hear about paper chasing and somehow some might become intimidated and feel that they MUST collect certificates and upgrade them. I think that there are some stations that are much too aggressive with paper chasing so as to give the wrong message to newcomers. The Mission of 10-10 International is and always has been: "To Use and Enjoy Ten Meters". Whatever comes next is up to each individual member. Paper chasing is NOT prerequisite of membership in 10-10. In moderation it can be fun, BUT otherwise can become a monster of a job. Judgement should be used to have a balanced operation of your station to insure complete enjoyment with this wonderful hobby we call, "Ham Radio".

There are many 10-10'ers who acquire just the basic certificate from each Chapter without upgrading further. Then there are 10-10'ers who just exchange 10-10 numbers. Every 10-10'er deserves to feel he or she can enjoy their level of activity without any intimidation.

For the past ten years the Papers Chasers' Bash has been held in Reno, Nevada and was well attended. News has reached me that the "Bash" planned for next August will be held in Las Vegas. Gini, N7HDB, #39650, should have more information on this as the year unfolds.

Once again I wish to remind you that your input to this column is important and most welcome. If you have any questions or suggestions relating to the subject of Paper Chasing, please feel free to write me and I will try to answer your letter in the column. My address is: 532 Florence Street, Aurora, CO 800010-4227. If you hear me on ten meters, feel free to give me input over the air.

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

## treasurers report

Gerry Gross,  
WA6POZ, #21274

### STATEMENT OF INCOME

Second Quarter 1993-1994  
July 1, 1993 -  
September 30, 1993



	2nd QTR	YEAR-TO-DATE
REVENUE		
MEMBERSHIP	\$ 13,991	\$ 24,257
INTEREST	295	559
TOTAL REVENUE	14,286	24,816
EXPENSES		
OPERATING EXPENSES	10,999	19,621
SCHOLARSHIP	1,500	1,500
BOARD MEETING EXPENSES	1,443	1,783
CONVENTION EXPENSES	1,000	1,080
AREA MANAGERS	1,118	1,942
OFFICERS & DIRECTORS	1,916	2,537
AWARDS & CONTEST	428	605
OTHER MANAGERS & SERVICES	1,024	1,518
TOTAL EXPENSES	19,498	30,586
NET INCOME (LOSS)	\$ <\$ 2,112>	\$ <\$ 7,770>
TOTAL ASSETS	\$ 180,157	

## New Life Members

It is with pride we honor the following 10-10 members who have become **Life Members** during the period from March 1, 1992 to June 1, 1992.

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

24471	WB7UAI	59697	AB5NS
32217	KD5GP	60230	WD9FBL
42850	KB6NAN	60465	KD4DCM
44717	K4VYX	62715	WA2ZHY
51693	KB8GLO	62867	AA8FY
56246	KA2WKM	63540	KC4VXU

## Honor Roll

### SCHOLARSHIP DONATIONS

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

Your name could also appear on the *Honor Roll*. Send your Scholarship Donation to: Morrie Goldman, W6EHM #4189, 21518 Marjorie Avenue, Torrance, CA 90503. Make your check out to: 10-10 Scholarship Fund.

## Change of Address.....

We have a **new procedure** for change of address. Just as soon as you know your new address, send all of your information, Name, Call, 10-10 Number, and new address to the new **10-10 postal address**. Address your correspondence to:

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

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

## 10-10 Scholarships

The Foundation for Amateur Radio (FAR) will administer forty-eight scholarships for the coming academic year 1994-1995. These scholarship awards are based on a combination of need, scholastic achievement, extra curricular activities and community involvement.

10-10 is proud to sponsor two of these scholarship awards at \$750.00 each. Applicants must be radio amateurs holding at least a novice class license or equivalent foreign authorization, having HF privileges. Preference will be given to those seeking a graduate degree. However, there is no restriction on the course of study, but applicants must intend to seek a least an Associate degree from a college or university in the United States. Further, applicants must provide a written recommendation from a current active member of 10-10.

FAR will release the announcement of this years scholarship awards sometime in January 1994, to several Amateur Radio publications. After publication, additional information and an application form may be requested by letter or QSL card postmarked no later than April 30, 1994 from:

FAR Scholarships  
6903 Rhode Island Avenue  
College Park, MD 20740

All applications must be signed and received by FAR no later than June 1, 1994 at the above address.

Although 10-10 guarantees the funding for these two scholarships, members are encouraged to make donations with checks made out to **The 10-10 Scholarship Fund** and sent to the following address:

Morrie Goldman, W6EHM #4189  
10-10 Scholarship Manager  
21518 Marjorie Avenue  
Torrance, CA 90503-6814



## Advanced Class at 14 Years!

Meet Justin Gershwin,  
KD6CJE #60999

At 14 years old, Justin Gershwin has accomplished what many hams several times his age have not accomplished, that of passing the Advanced Class Amateur Radio License.

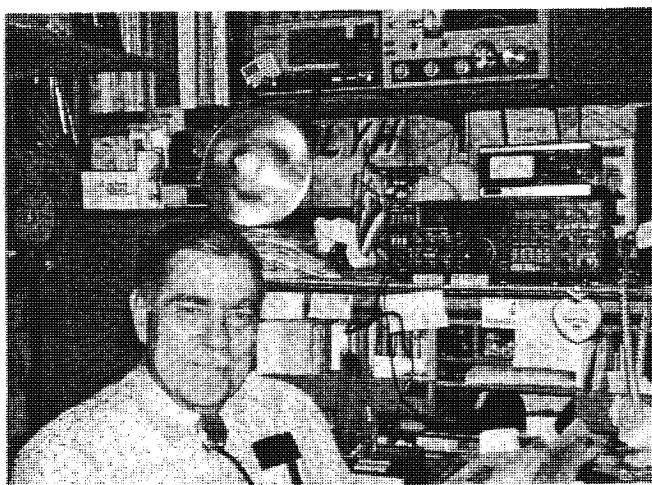
Justin, KD6CJE #60999, became interested in ham radio after viewing his uncle Dennis, KA2TGG #41921, of Lake Worth, Florida, talking to some of the "locals" on two meters when visiting approximately two years ago.



Justin Gershwin, KD6CJE #60999 (14 years old)

His equipment consists of a ICOM 735, ICOM 02AT, ICOM 28H and PK88 Packet Controller. Antennas are an R5, 2-meter Isopole and an inverted "V" for 40/80-meters. His preferred mode is CW.

Justin lives near Sacramento, California. His Grandmother is also a ham, KB2UJO, of West Palm Beach, FL.



Don, KAOJUI #47263

## New 10-10 Address.....

In an effort to improve the operation of 10-10, and to speed up the renewal process for members renewing their dues, 10-10 has established an address for membership dues renewals. By sending your dues renewals to the 10-10 address, your records are updated within a few days of receipt. This is most important if you renew just prior to the publication date of the NEWS. Renewals received up to the weekend prior to the mailing of the NEWS will be included in the data base printout. Prior to implementing this new procedure, a cut-off date of almost three weeks prior to mailing was required.

All members renewing, who have a US ZIP code, are encouraged to send their renewals to the 10-10 postal address:

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

Foreign members should continue to send their renewals to the DX Manager, Carol Hugentober, K8DHK at 4441 Andreas Avenue, Cincinnati, Ohio 45211 USA. Foreign members require special handling due to foreign currency, etc. Even under the new procedure, foreign members will receive the same special handling for renewals as US members.

## It's our Policy.....

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

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

## Chattanooga Choo-Choo Chapter Free Certificates

The Chattanooga Choo-Choo Chapter is offering FREE certificates to students who qualify for membership, either IQ (Instant Qualifier) or 2000 points collected. With application, include birthdate, school, and grade level.

Send your application to Paul Jenkins, W4UIQ #31212, One Michael Lane, Rossville, GA 30741

## FCC HIGHLIGHTS

*News and Information  
from and about the FCC*

### New FCC Form 610 to Debut in Early 1994.....

The FCC is scheduled to implement a new Form 610, the form for Amateur Operator/Primary Station License Application, early in 1994. The new form will be required to be used in conjunction with the new FCC computer and amateur licensing software. The new system will be coming on line in the first quarter of 1994.

The change-over date to the new Form 610 has not been firmed up, however, since the software is not as yet complete. Also one of the FCC's key programmers has left the project. The new form cannot be used before the FCC announces the beginning date which, according to Gettysburg sources, should be somewhere between February 1 and April 1, 1994.

Unlike previous Form 610 revisions, the current (March 1992) version cannot be accepted by the FCC once the new licensing system is in place since the information requested and record format is somewhat different. The new form will be used by both the **VE Examining System** and licensed amateurs who wish to modify or renew their existing license. Other than a routine renewal, the only modifications permitted will be to change an applicant's name, mailing address or call sign.

### Technician Plus Licenses.....

The FCC will begin issuing "Technician Plus" licenses. The FCC is in the process of entering the currently VEC maintained database of applicants who have qualified for Technician Plus by passing a Morse code test into their system. It is assumed that all Tech Plus amateurs will eventually be sent a license document indicating this class.

### No Change to the Six Class of Amateur Licenses.....

The amateur community can assume that there will be no immediate changes to the current six class lineup of amateur radio licenses. It has simply taken too much time, effort and government resources to develop this new system.

### Vanity Call Signs.....

The FCC is considering implementation of a proposal on the issuance of **Amateur Vanity Call**

**Signs.** This matter may be a part of a broader rulemaking designed to implement all Regulatory Fees authorized by Congress. Congress surprisingly added personalized ham call signs to the list of *Annual Regulatory Fees* for which the FCC could access an annual charge. At present the Amateur Vanity Call Signs carry a \$7.00 annual fee. The legislation requires the Commission to collect "small" fees in advance for a full license term. That probably means that ham operator selected call signs will cost \$70.00 for a ten year term.

It is understood that primary ham call signs will still be systematically issued by the FCC. The "vanity" call sign will become an authorized secondary call sign.

.....W5YI Report

*Editors Note - The **NEWS** will monitor these FCC activities and report latest developments in the next issue.*

## 10-10 Photo Album

### *Copies still available*

Copies of the new **10-10 Photo Album** are still available from Mike Elliott, KF0ZQ #54625, for \$7.00 to US ZIP codes postpaid and \$9.00 post paid to DX members.

This 36 page **Photo Album** has approximately 230 pictures of both US and DX members, and is indexed both by call and 10-10 number. It is printed on gloss magazine paper and is a great way to "see" those you are talking to. In addition to pictures of the general membership, there are three pages of Net Officers, Directors and Managers.

Send your order to Mike, KF0ZQ. Mike's address is shown on page 2 under **Information Manager**.

Being willing is far more important than being able.



Phil, WB6NYM #17996

# TenX DX News

continued from page 12

#28401 and **VK9XO** Bill VK4CRR #34297. NA-048 Bimini and NA-054 Berry Isl. **K5BDX/C6A** Don #21873. NA-058 Georgia State group by **W8ILH** John #9379. SA-033 La Plata Isl. by **HC2HVE/HD4** Dieter #54272. QSL via DL8NU. AS-026 Cheju Isl. by **HL2KZW** Lee #62271. NA-188 Cacaluta Isl. by **XE1L/XF3** Luis #18056. QSL via WA2HUP. NA-139 Assateague Isl. by **K8SCH/4** #46888, **K8DHK** Carol & **N8FU** John. QSL to N8FU listed on page 31 of the News

February 28, 1994 has been set for **Namibia V5** to take over the control of **Walvis Bay ZS9 & Penguin Isl. ZS0**. This will result in 2 deleted countries since Namibia is within 225 miles of both islands.

**OD5JY** Lebanon by Faiz **JY5EC** #5691. Thanks to **N3IKJ** Noel I received a QSL card from this address: Faiz, POBox 927346, Amman, Jordan.

I want to thank everyone for the letters and photos that you have been sending. I always run out of space before I can use everything. Thanks to all that worked me in the **Summer QSO Party** where I won **First Place**. I heard some complaints about using computer logging for the QSO Party at the convention. I encourage everyone to follow the contest rules, complete all exchanges and use good ethical standards at all times.

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*

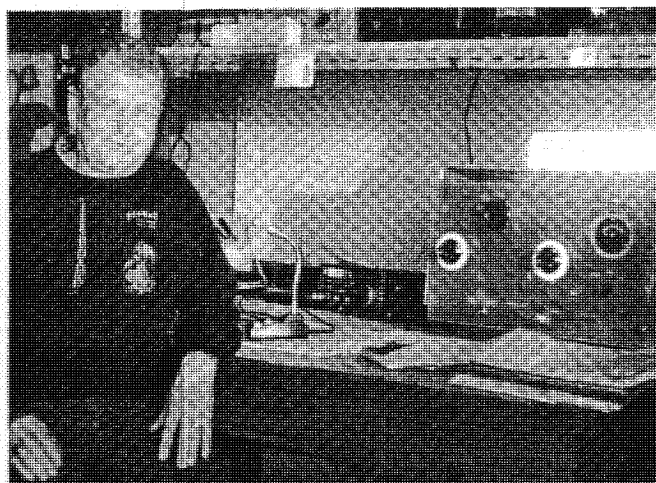
## New 10-10 Info Manual

A new updated **10-10 Information Manual** is available to all members for \$1.00 plus a return address label. This new issue has grown from the former 24 pages to 36 pages. It includes a great deal more information about the 10-10 Net.

The address of all Officers, Directors and Managers is included. The complete Bylaws and the latest Net Guide are also included as well as the Official ARRL Phonetic Alphabet and a Time Conversion Table converting each US time zone to UTC time. Both standard and daylight times are covered.

For a copy, send your order to Mike Elliott, **KF0ZQ**, address is on page 2 under **Information Manager**.

An efficiency expert is smart enough to tell you how to run your own business, and too smart to start one of his own.



Marcel, F6BXQ #25912  
CM Mont-Ventoux Chapter

## Reno Folly is now The Vegas Bash

The annual 10-10 Paperchasers get-together, or more commonly referred to as the **Reno Paperchasers Folly**, previously held in Reno, NV for the past 10 years, will take on a new face beginning this year. By overwhelming request, the location will change to Las Vegas, Nevada, and become a biennial event. The "10-10 Vegas Bash" will take place in the even numbered years, while the biennial 10-10 Convention takes place in the odd numbered years.

The date for this years reunion, or Vegas Bash, will be August 18-22, 1994. The location will be the Hacienda Hotel, Casino and Convention Center, on The Las Vegas "Strip".

Room rates are as follows:

Single/Double	\$25.00 plus tax Thurs
	\$55.00 plus tax Fri/Sat
Triple: Add'l	\$10.00 per room per night
RV Parking	\$14.95 per night plus tax

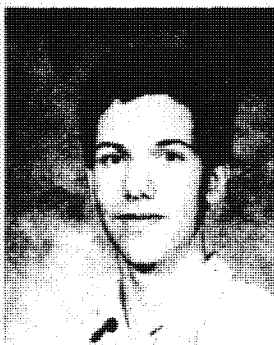
Reservations **MUST** be made in advance. Cut-off date for reservations is 7/1/94. Call The Hacienda Room Reservations direct at 800/634-6713 and mention "10-10 Paperchasers". Additional information may be obtained from Don, **KOPVI** #9902, address on page 2, or call Don at 303/822-9868.

By having the "Vegas Bash" in the even numbered years and the 10-10 Convention in the odd numbered years, members can get together for a social "good time" once each year. Mark your calendar **right now** and plan to attend! August 18-20, 1994.

# Propagation

Mike Hawk  
N00SY #58788

As discussed in the last issue, sporadic-E is a mysterious, yet useful, form of propagation. Although unpredictable to an exact time, it does have many well documented characteristics. Knowledge of these characteristics can be of great help. If the cause of sporadic-E the mechanism could be determined, more accurate predictions could be made. The following is a summary of the most studied phenomenon which could cause Es.



In the last issue it was determined almost beyond a doubt that thunderstorms DON'T play a major role in the development of sporadic-E (Es). However, several weather related occurrences have appeared to have a correlation with Es. One of the most famous hypothesis was that of Mel Wilson, W2BOC. He believed that an entire storm system may influence the development of Es. For example, the "birthplace" of Es appears to move from west to east over a period of a few days, similar to the weather pattern. He also believed that the location of the ionized cloud was less likely to be in an area of fair weather, controlled by high pressure. Due to his vast research over decades, his opinion shouldn't be taken lightly. His theories are explained in more detail in some of the early 70's QST's.

By far, the most accepted theory of today is a theory involving wind shear. This wind shear is not the wind shear most of us are familiar with - that which occurs in the troposphere and can aid development of severe weather. It's that which occurs in the ionosphere. Wind does exist at this height, and when it's direction is different at slightly different planes, shear occurs. Vertical shears can compress ions into thin layers. This is especially effective for the metallic ions ( $Fe^+$  and  $Mg^+$ ), since the recombination times are slower than those of gaseous ions.

The effects of shear in the ionosphere are well documented. It is one of the causes of fading in signals. Also, it can be seen when a meteor enters the ionosphere. The trail of ionization it leaves behind is literally twisted by the turbulence, causing fading on signals. The major problem for this theory, originated by J. D. Whitehead of the University of

Queensland, Australia, is that it doesn't explain the reason why the quantity of Es varies from winter to summer.

Meteors have also been thought to effect Es. The ions found to exist in Es clouds are generally metallic. Not only does this lend to support the windshear theory, but also any theory involving meteors, since they are composed of metallic atoms. One problem with a theory involving meteors is the fact that the quantity of random meteors entering the atmosphere peaks in July, about a month after the Es peak. If anything, this would peak at the same time, if not slightly before. Also, since the amount of meteors entering the atmosphere per year is relatively constant, it doesn't explain the possible 4-7 year pattern which occurs.

Depending on the source, geomagnetic activity has been thought to cause, or hinder, the development of Es. Most studies involving geomagnetic activity use the Kp and Ap indices. I prefer to Kp index, because it is measured every three hours, while the Ap index is a 24 hour measurement. For example, an increase in activity may occur over just 6 to 9 hours. If large enough, it could inflate an A index even if quiet conditions existed the other 18 hours of the day. Dr. E. K. Smith's study is probably the best concerning the subject. His data plainly showed a slight decrease in Es during times of high activity. I have also believed that geomagnetic disturbances hinder Es, like most other modes of propagation. There is one exception. In times of major disturbances (classified as storms by the SESC), a different type of Es will likely form. This type, called auroral-E (AE), is similar to normal Es. The major difference is that it usually occurs at night, and it's cloud remains behind the auroral curtain (the point at which the aurora borealis ends). Chances are good that AE will occur if auroral scatter is taking place.

Even though these theories were just briefly looked at, it can be plainly seen that little progress has been made in finding the mechanism. Many studies use erroneous data. Others are built on other theories - like building a house without a foundation. Because of this, it's likely the cause of Es is very complex, possibly a mixture of several things, including the solar cycle, meteors, wind shear, and whatever else.

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## New French Callsigns

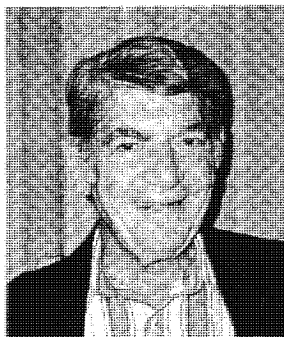
The French callsigns for the FD1xxx and FE1xxx series have changed to F5xxx. Example: FD1CUN -> F5CUN. We have 44 FD1 members and 5 FE1 members who's callsign changed to F5xxx!



# 10-10 Reflections

By  
Morrie Goldman  
W6EHM #4189

10-10 Historian



As we begin the new year 1994, I recall with admiration the spectacular Spring 1978 10-10 Bulletin (that's what the 10-10 NEWS was called in those days) put together by then Editor Chuck Albrecht WA0YNQ #8105 (now N0CKW). It was the celebration of the 50th birthday of the 10 meter band. On March 7, 1928 the Federal Radio Commission authorized amateur radio on 10 meters, telegraphy only.

Twenty years ago I received the February 1973 Bulletin from the 10-10 International Net of Southern California. Here are some of the excerpts:

From the President - Ed Blore, WB5LWW #103, First the raise in dues to \$2.00 per year, due to higher costs of postage, printing, etc. The STAR awards are eliminated, we will retain the BAR awards. A new WAS (Worked all States) Certificate is initiated. Effective May 1, 1973, we will again accept new applications. New member applications were suspended when Claude, W6LRY was swamped with an enormous backlog. Four assistant Certificate Managers (what we now call Area Managers) will be coordinated by Claude Martin, W6LRY (SK) #437, as follows: Districts 1,2 and 3 will be handled by Lee Pasewalk, WB6MGM #213 (now our Records Manager), Districts 4 and 5 by Grace Dunlap, K5MRU #218 (now our Area 5 Manager and SK Manager) Districts 6, 7 and 8 by Morrie Goldman, W6EHM #4189 (now our Historian and Scholarship Manager) and Districts 9 and 0 by Rick Sant, WB6EWE #3303. All Foreign Call Areas would be handled by Claude Martin, W6LRY (SK) #437 (now SK). They will process applications and renewals.

From the First Vice President - Ed Rooney K6UF (SK) #3317. "The Novice frequency is being monitored at 1800 GMT by K6UF every night except Sunday. NOVICES - TRY IT YOU WILL LIKE IT!!!"

From the Second Vice President - Grace Dunlap, K5MRU #218. "Am very busy going over the results of the recent 10-10 Contest."

From the Certificate Manager - Claude Martin, W6LRY (SK) #437. "Have been up to my ears with

the work load. I believe the appointment of the new assistant certificate managers will eliminate the great delay."

From the Net Coordinator - George Elliott, W6ENC (SK) #1774. "Have been very active during the past year replying to the reports sent in by the Chapter Heads. The meeting time and frequency of the Chapters varies from daily to once a week. I want to thank all members that have made the 10-10 Net the largest Net in the world."

From the Recording Secretary-Treasurer - Jim Paine, W6OI (SK #109 (it is Jim's call and 10-10 number that was adopted by 10-10 to be the official 10-10 Club Station Call). "The expense of operating the Net is unbelievable. We spent \$1000 alone on postage in the past year. Our printing bill was well over \$600. Envelopes and sundry items added another \$350. Many of you feel that because we have 7650 registered numbers, that we receive \$1.00 from each of them. We wish we did! Too many are joiners and don't pay their dues. (Amazing, we still have that same problem today - Editor) None of us receive any pay for our efforts. We do get postage allowance but that is all PERIOD."

*Editors Note - It is to be noted that so many of the 10-10 volunteers mentioned in Morrie's Reflections are still serving as 10-10 volunteers. We thank Morrie for his Reflections article and look forward to future articles recalling some of our early history.*

## 10-10 from W1AW #57575

The Castle Craig Chapter of 10-10 will operate W1AW on March 12, 1994 from 1400 to 2100 UTC. Look for us on 10 meters at 28.375 plus/minus QRM. W1AW's 10-10 number, 57575, will be made available. QSL as announced.



Giuliano, I1GMF #55552

# 10-10 AWARDS

AWARDS ISSUED THROUGH NOVEMBER 30, 1993

## TOP TEN HONOR ROLL

Lonnie Butler, N9OSN

CALL	10-10#	CONTACTS
1 WD5JDU	3017	22,000
2 W0RWC	518	19,400
3 PJ2WG	27999	17,000
4 WB1DBZ	26001	16,800
5 K5MRU	218	16,300
6 N7KRS	50268	15,200
7 W4WKQ	33299	13,800
8 WA9LIC	1599	11,600
9 N5CUQ	40	11,300
10 WB7NUU	17416	11,000

## VP AWARDS

### 500 BAR

Glen Harding, K7OMK

VP #	CALL	10-10 #
2692	N4QAI	47481
2693	N9LWN	60266
2694	ZS6AT	62258
2695	N3AHA	22505
2696	KP4UK	63526
2697	N1MVV	62463
2698	WA1DUZ	61623
2699	KC6MJO	57217
2700	KJ6JO	46362
2701	W1SQM	51207
2702	KB0IXC	58780
2703	KD4CPB	60750
2704	KB5UNX	64337
2705	WA6SHM	7983
2706	AB6QM	63114
2707	ZS6AQS	61510
2708	AA3CA	58556
2709	KC6FWH	57988
2710	PA8EQU	47493
2711	KB0LCO	63841
2712	VP5JM	52729
2713	W3EHZ	39561
2714	NP4QH	63541
2715	AD4JY	63217
2716	KG0AY	58794
2717	KB5SZQ	62170
2718	N5XJD	62197

2719	WX7M	62539
2720	KC4TCV	59711
2721	KC6AZV	52642
2722	KD4IBI	61844
2723	WD5HJC	21786
2724	KC5BKT	64386
2725	ZS6CRT	61500
2726	N7QOZ	62599
2727	GI4SIZ	61539
2728	N7VBN	62567
2729	N7BIP	55688
2730	G4YNO	51527
2731	KQ4QF	62648

### 1000 BAR

Lonnie Butler, N9OSN

CERT#	CALL	10-10 #
1342	KB0FQC	55226
1343	KA8RWL	41377
1344	AA6ZW	62075
1345	W5FHW	51349

### 2500 BAR

348	WB6CZO	2988
349	KA1TFU	52461

### 5000 BAR

65	WA2OIZ	21511
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### 7500 BAR

30	K6SIW	48519
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## VP AWARDS

Glen Harding, K7OMK

### VP-100

CERT#	CALL	10-10 #
307	KA3QOY	42422
308	K6VYG	10822
309	N5ESJ	1525
310	KB5UNX	64337

### VP-200

138	KA3QOY	42422
139	AA2AH	61795
140	K6YVG	18022
141	W4WKQ	33299
142	VE7IDV	24752

### VP-300

80	KA3QOY	42422
81	N3GZE	44119
82	VE3JIM	42045

### VP-400

51	K6IQY	50905
52	KA3QOY	42422

### VP-500

29	W5EIJ	11732
30	W7FGQ	31416
31	VE7YM	18467

### VP-700

14	WN9P	41483
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### VP-1000

9	K6SIW	48519
10	AA4UF	41176

### VP-1100

4	K6SIW	48519
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### VP-1200

3	K6SIW	48519
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### VP-1300

2	K6SIW	48519
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### VP-1400

2	K6SIW	48519
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### VP-1500

1	K6SIW	48519
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### VP-1600

1	K6SIW	48519
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### VP-1700

1	K6SIW	48519
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### VP WORKED

### ALL STATES

Hiram E. Wolf, W4NWP

CERT#	CALL	10-10 #
8	W5EIJ	11732

## OM/XYL AWARD

Elaine Nickoloff, N8CBE

## BASIC - 10 TEAMS

CERT#	CALL	10-10 #
246	WB0CON	53964
342	WB7TIR	62550
343	NOKDB	48715
344	KB5UNX	64337
345	WD5HJC	21786
346	N3GZE	44119
347	KB0HKW	58725
348	KA1PFQ	41799
349	WA5HWI	63313
350	N5EJS	1525

## 25 TEAMS

246	WB0CON	53964
346	N3GZE	44119
347	KB0HKW	58725
349	WA5HWI	63313

## 50 TEAMS

246	WB0CON	53964
255	K4PXO	47336
309	KB6NAN	42850

## 75 TEAMS

294	KC1FC	45274
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## 125 TEAMS

120	WB6IJY	10937
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## 175 TEAMS

280	K6SIW	48519
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*Thanks to Dianna, KB6NAN #42850*

Our thanks to Dianna, KB6NAN, for running the Monday 28.380 net for the past year. Dianna asked to be replaced for personal reasons.

# 10-10 AWARDS

AWARDS ISSUED THROUGH NOVEMBER 30, 1993

## COUNTY HUNTER AWARDS

Alice Jenkins, NR4R

### BASIC-100 COUNTIES

CERT#	CALL	10-10 #
321	W5FHW	51349
322	N3AHA	22505
323	ZS6AUH	52757
324	AB4QI	42550
325	KC4LSG	54375
326	K4MAC	12439
327	KB6NAN	42850
328	N0GIV	42644
329	AA3CY	61924
330	KB5UNX	64337
331	N9CKP	42376
332	WB7TIM	54638
333	KJ5LJ	17266
334	KA9ADD	42381
335	N0KDB	48715
336	AA5WC	42171
337	KE3DK	60533
338	AD4JY	63217
339	KA7OES	53119
340	KC5BKT	64386
341	WD5HJC	21786
342	KD4ADC	60710
343	KB7QAX	63708
344	WA5HWI	63313

### 200 COUNTIES

NK0N	15890
KJ5KJ	17266
N3AHA	22505
IK2PZG	42066
KA9ADD	42381
AB4QF	42550
N0GIV	42644
KB0ADI	46055
ZS6AUH	52757
WB0QXJ	58745
N9OSN	61493
AD4JY	63217
WA5HWI	63313

### 300 COUNTIES

W5SRQ	32241
AB4QI	42550
KA9ADD	42381
N0GIV	42644
KB0ADI	46055
KB5HRR	54095

### 300 COUNTIES cont.

KC4RHW	57051
N9OSN	61493
KA0ZZF	51015

### 400 COUNTIES

N5NRO	51350
KA1TFU	52461
KB0GDI	56100
N9OSN	61493

### 500 COUNTIES

68	KZ3T	41015
69	N9OSN	61493
70	N3GZE	44119
71	VE7IDV	24752
72	N7EMY	35659

### 600 COUNTIES

W4PNC	19328
VE2ERB	20112
WB1DBZ	26001
K4NF	50708
KB0EOV	52920

### 700 COUNTIES

KB0EOV	52920
KD1CJ	56510

### 800 COUNTIES

WB2SJQ	6090
K0PVI	9902
W5EIJ	11732
KC4LOR	56976

### 900 COUNTIES

KA5VVD	42188
W6JGS	54761
N5SCA	57160
KC4TAR	57540

### 1000 COUNTIES

10	KA5VVD	42188
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### 2600 COUNTIES

AA4UF	41176
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### 2700 COUNTIES

AA4UF	41176
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### 3076 COUNTIES

001	K6SIW	48519
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## COUNTRIES AWARD

Alan Sherman, K1AS

### 25 COUNTRIES

CERT #	CALL	10-10 #
490	N2PKP	61772
491	N2SRW	62741
492	KA8FTP	49822
493	KJ5LJ	17266

### 35 COUNTRIES

267	N2PKP	61772
268	IK3PZG	42066
269	KD4IBI	61844
270	N2SRW	62741
271	KJ5LJ	17266

### 45 COUNTRIES

192	KF0ZJ	55241
193	IK2PZG	42066

### 55 COUNTRIES

131	IK2PZG	42066
132	WA1ZIC	29601

### 65 COUNTRIES

090	IK2PZG	42066
091	WA1ZIC	29601
092	WB6JOT	48505

### 75 COUNTRIES

062	WB6JOT	48505
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### 90 COUNTRIES

036	KD2CP	51141
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### 110 COUNTRIES

025	KA1TFU	52461
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### 115 COUNTRIES

022	KA1TFU	52461
-----	--------	-------

### 120 COUNTRIES

016	KA1TFU	52461
-----	--------	-------

### 200 COUNTRIES

002	DJ4BE	49153
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## WORKED ALL CONTINENTS

Mark Taylor Murphy, KC4HIT

CERT#	CALL	10-10#
447	KB6NAN	42850
448	WA5HWI	63313
449	K0CRX	28906

## WORKED ALL STATES

Susan I. Brackeen, KA1CAD

CERT #	CALL	10-10 #
2243	KD4IBI	61488
2244	KB6NAN	42850
2245	WB7TIR	62550
2246	KB7MQI	59945
2247	AA5WC	42171
2248	AA2AH	61795
2249	N7VBN	62567
2250	WA5WHI	63313

## WORKED ALL STATE CAPITALS

Paul G. Johnson, N4JII

### 20 CAPITALS

CERT#	CALL	10-10 #
21	KB0ADI	46053
22	KD1CJ	56510

### 40 CAPITALS

NONE

### 50 CAPITALS

NONE

## STAY ACTIVE

PAY YOUR DUES AND SUPPORT 10-10

## 10-10 QSO Party Rules

Harry Syring, WB1FTQ #23934  
Contest Manager

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

### RULES

- 1) PHONE contacts must be in the 10-meter phone band on SSB, AM or FM. CW contacts must be in the 10-meter band on CW or RTTY.
- 2) Exchange Callsign, Name, State or Country and 10-10 Number. Some stations may request your county.
- 3) A station may be counted only once.
- 4) Single operator stations only are acceptable.
- 5) All contacts must take place within the 48-hour contest period.
- 6) Logs must be kept in UTC time.
- 7) A DUPE sheet is required of all participants. Computer duping is acceptable. SASE to the Contest Manager for a sample DUPE sheet.
- 8) Chapter assignments of scores may be made only by a paid-up member belonging to that chapter as a local member and be able to work its Net via ground wave for the contest station.
- 9) Illegible or improperly submitted logs will be rejected.
- 11) Failure to comply with these rules or their intent may result in disqualification.
- 10) Scoring: Two (2) points per contact with 10-10 number exchange. One (1) point per contact without a 10-10 number exchange.

### AWARDS

First place certificates to each US Call Area. Alaska is included in Area 7. Certificates to Canada, South America, Caribbean (including Bermuda), Europe, Africa, Asia and the Pacific (which includes Australia, New Zealand, Hawaii and all Pacific Islands).

### LOGS

Logs are accepted from 10-10 members only, and

must be complete, legible and in UTC time. Each entry must show Callsign, Time, QTH (State or Country), Name and 10-10 Number, if any. A cover sheet is required showing your name, callsign, QTH, 10-10#, membership expiration date, and the chapter assignment, if any, total contacts and total points. The address cover of the NEWS satisfies this requirement. A DUPE sheet must accompany all logs.

### QUIET ZONE

It is requested that 10-10 members have the courtesy to observe a "quiet zone" between 28.490 and 28.510 Mhz for non-contesters to use.

*Editors Note - These rules are only published on a space available basis. It is suggested that you save these for future reference. A copy is also available from the Contest Manager for a business size SASE. Harry's address is on page 2.*

### It's our Policy.....

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

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

I never worry about meeting my expenses. I meet them whichever way I turn.

**Hiram Wolf,  
W4NWP #32033**

### VP Awards Manager Recovering

Hiram Wolf, W4NWP #32033, our VP Awards Manager, reports that after a two weeks "vacation" in the hospital, he is home and recovering well. He is up and getting around with a walker and ordered to get plenty of rest in bed with his feet elevated to bring down the swelling in his ankles.

Although his 10-10 work piled up during his hospital stay, Hiram says he is catching up as fast as possible, although he is a few weeks behind. He says to "give him a little slack" and he will be current soon. Take your time recovering Hiram, we can wait a couple of extra weeks for your response for the VP Awards.



# *The 10-10 Photo Album*

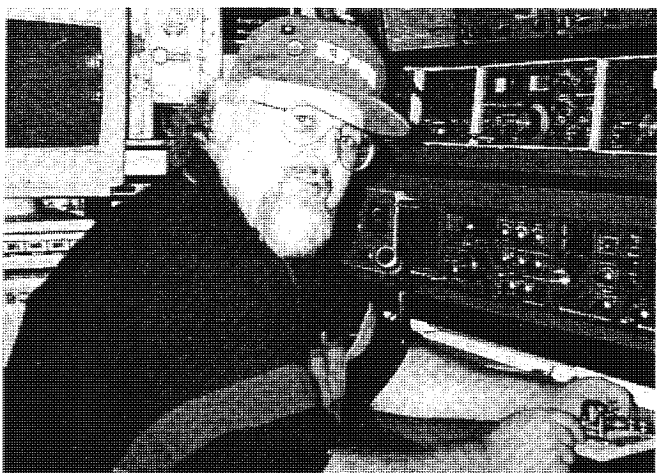
10-10 MEMBERS AT THE COLORADO BIGHORN MUSEUM OF AMATEUR RADIO



George, W1SQM #51207



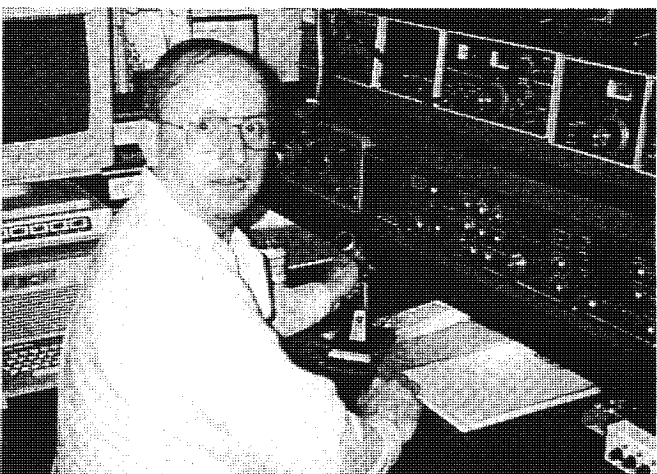
Janis, VE7AAP #50407



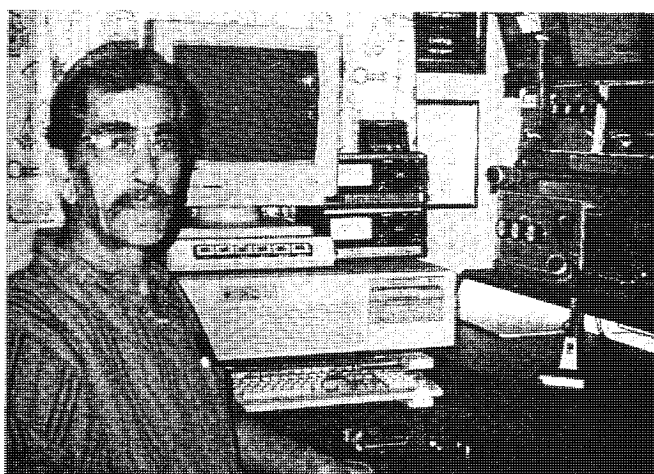
Rick, KF0SR #53999



Dave, W7KJW #18283



Gerry, VE7ACM #30939



Rick, KB0KY0 #63809

## 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+

Lonnie Butler, N9OSN #61493 ..... 26 2nd St., Greenwood  
Bloomington, IL 61704

### PLAQUES

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

### INTERNATIONAL 500 OF THE WORLD

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

### VP CERTIFICATE

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

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

### VP WORKED ALL STATES

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

### LUCKY 13 CERTIFICATE

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

### CONTINENTS AWARD

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

### COUNTIES AWARD

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

### COUNTRIES AWARD

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

### OM/XYL AWARD

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

### WORKED ALL STATES AWARD

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

### WORKED ALL STATE CAPITOLS AWARD

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

### WPX (PREFIX) AWARD

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

## 10-10 QSO PARTY NEWS

Harry Syring, WB1FTQ #23934  
Contest Manager

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

For a complete set of rules, a list of the awards, and a dupe sheet, send a #10 SASE to; Harry Syring, WB1FTQ, 10-10 Contest Manager, 37 Bradford Drive, Windsor, CT 06095

## NEXT CW CONTEST

### SPRING 1994

STARTS: 0000Z May 7, 1994

ENDS: 2400Z May 8, 1994

SEND LOGS POSTMARKED NO LATER

THAN JUNE 1, 1994 TO:

City of Lights Chapter

% Joe Dubeck, NA9A

PO Box 1383

St. Charles, IL 60174

## NEXT SSB CONTEST

### WINTER 1994

STARTS: 0000Z February 5, 1994

ENDS: 2400Z February 6, 1994

SEND LOGS POSTMARKED NO LATER

THAN MARCH 1, 1994 TO:

City of Lights Chapter

% Joe Dubeck, NA9A

PO Box 1383

St. Charles, IL 60174

# AREA MANAGERS

All correspondence regarding membership services should be addressed to your **Area Manager**.

**1st CALL AREA** ..... Al Kaiser, N1API  
194 Glen Hills Road  
Meriden, CT 06451-3832

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

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

**4th CALL AREA** ..... Steven P. Sites, KC4LOR  
13605 S. Dixie Hwy. #136-494  
Miami, FL 33176-7252

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

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

**7th CALL AREA** ..... 10-10 International Net, Inc.  
643 N. 98th Street - #143  
Omaha, NE 68114

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

**9th CALL AREA** ..... Jim Williams, N9HHU  
240 Park Road  
Creve Coeur, IL 61611

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

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

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

## ORDER FORM

ANNUAL DUES (USA MEMBERS) \$7.00 times number of years wanted \$ \_\_\_\_\_

ANNUAL DUES (DX MEMBERS) \$9.00 times number of years wanted \$ \_\_\_\_\_

LIFE MEMBERSHIP \*\* (25 TIMES THE ANNUAL DUES)

US MEMBERS \$175.00 DX MEMBERS \$225.00 \$ \_\_\_\_\_

SENIOR LIFE MEMBERSHIP \*\* (AGE 65 with proof of age)

US MEMBERS \$60.00 DX MEMBERS \$75.00 \$ \_\_\_\_\_

FAMILY MEMBERSHIP - Add \$.50 each person each year \$ \_\_\_\_\_

10-10 STAMPS - \$2.00 per 100 Stamps QTY \_\_\_\_\_ \$ \_\_\_\_\_

GOLD [ ] SILVER [ ]

----->TOTAL DOLLARS ENCLOSED-----> \$ \_\_\_\_\_

New Members: Send application and dues to Call Area Manager listed above.  
Renewals and Life Member Applications: Send to 10-10 International Net, Inc.  
643 N. 98th Street - #142, Omaha, NE 68114  
Scholarship Donations: Send to Morie Goldman, W6EHM #4189  
21518 Marjorie Avenue, Torrance, CA 90503

10-10 PHOTO ALBUM (Fall 1993 Edition) \$ \_\_\_\_\_

Photo Album: MAIL TO: Mike Elliott (address on page 2)

10-10 ROSTER On Disk - 3.5" [ ] 5.25" [ ] US \$5.00 DX \$7.00 \$ \_\_\_\_\_

Hard Copy [ ] US \$9.00 DX \$12.00

Roster: MAIL TO: See article on page 4 this issue

10-10 AWARDS and CERTIFICATE GUIDE

US \$6.00 DX \$8.00 Monthly updates US \$10.00/year DX \$12.00/year.

MAIL TO: Dave Prichard, KA5OVO, 16314 Thunderbay Dr., Houston, TX 77062 \$ \_\_\_\_\_

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

NAME \_\_\_\_\_ CALL \_\_\_\_\_ 10-10 # \_\_\_\_\_

ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_

STATE/COUNTRY \_\_\_\_\_ ZIP \_\_\_\_\_

PLEASE INCLUDE CALLS, NAMES AND NUMBERS FOR FAMILY MEMBERS

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Dayton ..... Apr 29-30, May 1, 1994  
CW Party ..... May 7-8, 1994  
SSB Party ..... Aug 6-7, 1994  
Vegas Bash .... Aug 18-20, 1994  
CW Party ..... Oct 29-30, 1994

\*0-10 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 address label to Mike Elliott, KP0ZQ #54625, 10-10 Information Manager, 9832 W. Gurdon Court, Boise, Idaho 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

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