

10-10 News

INTERNATIONAL

Volume 34 Number 2

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April 1996 (SPRING)

Election 1996 Meet the Candidates:

VE7ACM, #30939, Garry Cameron. Garry resides in Port Alberni, B.C. Canada. Garry was first licensed in 1978 and now carries an advanced class license. Garry is the CM of the Restoration Chapter and assists wife Janis with the Friends of Felines Chapter. Garry is active in the Radio Amateurs of Canada and has taken part in many Ten-Ten contests and award programs, placing first in Canada in three CW contests. Garry's hobbies include restoring and collecting cars along with computers. "I first received my 10-10 number in 1981 and have witnessed the growth of membership nearly double since that time. As we are presently near the bottom of the current cycle, I expect the membership to grow even faster in the future. This will be a very exciting and challenging time for the Board of Directors, and I hope to be able to contribute. My wife, Janis VE7AAP #50407 and I will spearhead the scoring of the two phone contests for 1996 (we have previously scored the spring 95 CW contest) and look forward to serving Ten-Ten in whatever other capacity we can".

LATE ELECTION NEWS

See page 5 for late news about the 1996
10-10 election for 5 directors

WA9TSG, #310 Joe Williams, Milwaukee, WI. Joe is currently on the Board of Directors and Chairman of the Membership Committee. Previous to this Joe was the Editor of the Ten-Ten News and Chairman of the second Ten-Ten convention held in 1989 in Milwaukee. Joe was licensed 1966 and became a member of Ten-Ten in 1968. "My outlook concerning Ten-Ten is that it is a wonderful organization. I enjoy the members

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Cheating = ZERO Tolerance

By Ed Redwine, K5ERJ #11843
Chairman - Operations Committee

Everyone knows the matadors red cape acts as a flag to the bull and tends to get him rather excited. When red flags go up on bar award applications submitted to our Awards Managers, it's just like waving the matadors cape...they tend to get excited.

Since there has been a steady influx of new members into the organization, it seems appropriate to review the rules for contacts and the submission of applications for 10-10 awards.

The primary rule establishing the basis of a Ten-Ten contact is outlined in the Operations Manual in section 6.1.4- Contacts for Awards:

"A legal 10-10 contact must be a two way contact exclusively on ten meters. A legal contact consists of the call, 10-10 number, name and QTH (state or

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Joseph C. Halter, KC6WDX #64146
in his San Bruno, CA radio shack.
Joe celebrated his 81st birthday in December 1995.

OFFICERS AND DIRECTORS

President.....	Tom Henderson, K4CIH #33233 4901 15th Place E., Tuscaloosa, AL 35404-4522
Vice President.....	Chuck Imsande, W6YLJ #19636 20815 Desert Sands Drive, Sun City West, AZ 85375-5446
Secretary.....	Dave Prichard, KA5OVO #37297 16314 Thunderbay Dr., Houston, TX 77062-5111
Treasurer.....	Keith Schlottman, K17RK #63324 9581 E. Calle Cascada, Tucson, AZ 85715-5819
Director.....	Linda Barnes, KJ4FM #43299 310 Sequoyah Dr., Kingsport, TN 37660-3742
Director.....	L.B. Cebik, W4RNL #41159 1434 High Mesa Dr., Knoxville, TN 37938-4443
Director.....	John Ellison, W0ERZ #5145 2 Douglass Ln., Kirkwood, MO 63122-4406
Director.....	Dave McCardell, WD4EWB #18760 P.O. Box 246, Harrison, TN 37341
Director.....	Bill Howe, VK4WBH #22187 13 Fritz St., Loganlea, Queensland, 4131 Australia
Director.....	Pete Matson, KC1CP #37190 73 S. Edgewood Rd., Niantic, CT 06357-2036
Director.....	Jack Miller, W9WYN #6894 PO Box 123, Brookfield, IL 60513-0123
Director.....	Ed Redwine, K5ERJ #11843 9 Yellowrose Lane, Augusta, KS 67010-2230
Director.....	Bob Ryan, K6YVG #18022 26409 Doveweed Way, Santa Clarita, CA 91350-2647
Director.....	Joe Williams, WA9TSG #310 PO Box 93181, Milwaukee, WI 53203-0181

NET OFFICIALS

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Chapter Coordinator.....	Dave McCardell, WD4EWB #18760 PO Box 246, Harrison, TN 37341-0246
Contest Manager.....	Don Zielinski, K0PVI #9902 301 Main Street, Genoa, CO 80818
Editor & PR Manager.....	Chuck Imsande, W6YLJ #19636 20815 Desert Sands Drive, Sun City West, AZ 85375-5443
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Information Manager.....	Mike Elliott, KF7ZQ #54625 9832 W. Gurdon Court, Boise, ID 83704-4080
Net Manager.....	Nat Green, 8P6SA #45858 Welches Terrace, Saint Michael, Barbados
Scholarship Manager.....	Morrie Goldman, W6EHM #4189 21518 Marjorie Ave., Torrance, CA 90503-6814
SK Manager.....	Grace Dunlap, K5MRU #218 PO Box 445, La Feria, TX 78559-0445
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AREA MANAGERS..... Listed on page 31

AWARD MANAGERS..... Listed on page 30

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10-10 *News* INTERNATIONAL

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DEADLINE FOR NEXT ISSUE June 1, 1996

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

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

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

10-10 Chapter activities and reports should be sent to the Chapter Coordinator, Dave McCardell, WD4EWB #18760, P.O. Box 246, Harrison, TN 37341-0246.



Member
**AMATEUR RADIO
NEWS SERVICE**

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

Monday (28.380)	Dick, K6PZE #1341
Monday (28.800) ..	Harold "Scotty" Scott, WA6TQC #71
Tuesday (28.380)	Bob, AD4DQ #57471
Tuesday (28.800)	Nat, 8P6SA #45858
Wednesday (28.380)	Christine, N7PVL #58018
Wednesday (28.800)	Louise, N6ELK #36654
Thursday (28.380)	Bill, AA6ZW #62075
Thursday (28.800)	Bill, WB6OMH #6608
Friday (28.380)	Dan, WV4Y #39409
Friday (28.800)	Sherm, K6PTF #17977
Saturday (28.380)	Ed, KC4RIY #58203
Saturday (28.800)	Al, W6RNX #92
Sunday	"NEVER ON SUNDAY"

President's Message

Tom Henderson
K4CIH #33233



I don't know about you, but I am ready for some warm weather. No doubt this has been the worst winter for a good while. It is nice to be housebound for a spell, but sure do wish that 10 meters was going strong.

There are two events that are on the horizon, Dayton and the election of five Board of Directors for Ten-Ten. Dayton will be the 17th, 18th & 19th of May this year, and many hope the weather will be more forgiving in Dayton this year than in the past. I look forward to meeting old friend and making new ones this year. We will be having a forum at Dayton, but time and place has not as yet been selected at this writing. See elsewhere in this issue for notice of the time and room number. If you are going to be at Dayton, please plan to attend. This will be your opportunity to meet with other members and, of course, ask all the questions you may have concerning our organization. A good number of officers and directors will be in attendance. While we are on the subject of Dayton, if any of you coming to the Hamvention would like to sponsor the 1997 Ten-Ten Convention, see me..

Now, for the election. As you may well know, there is an election every two years. The general election for President, Vice President, Secretary and five Directors is every four years, (1994, 1998, 2002, etc.) Five Directors are elected every two years (1994, 1996, 1998, 2000, etc.) This makes it possible for Officers and five of the Directors to serve four year terms and keeps experience on the Board at all times.

Ballots will soon be sent to the paid up members for their votes. It is your Board of Directors, so please choose wisely as they will serve for four years, and represent you, the members, at all meetings. Keep in mind that the members of the Board of Directors are your representatives to the organization. Ideas, problems and other items that you feel will benefit the organization should be

communicated to these representatives. They are there to serve you, use them.

Contests: Finally we have caught up with all the problems that have been. Certificates have been mailed out to the contest winners, top ten and the winners in each call area. If you were missed, please let me know and provide me with all the particulars. I will see that you get your certificate. We now have a Contest Committee chaired by K0PVI, Don Zielinski #9902, Contest Manager. This committee has been formed to make sure that the Ten-Ten contests are the best that can possibly be presented to the membership. The committee is at work redesigning the contests, the rules and are listening to new and innovative ideas. There are some good things in the works and I think you will be pleased. Don can be reached at Box DX, Genoa, CO 80818-0119 and will provide you with 10-10 contest rules and a contest dupe sheet. Make sure you send a S.A.S.E. with your request. Don is also open to your ideas and suggestions concerning contesting.

Attention members waiting for DX Countries awards: For the past five months we have been requesting the DX Countries materials from the prior awards manager. On March 6, 1996, I finally received the information files, logs and other mail. I also received a pile of unopened/unanswered mail. I have not been able to obtain a reasonable answer as to why this material was not sent back in November, 1995, when originally requested, but I have been doing all I can to rectify the situation. I ask that you please be a little more patient and we will get this back in operation. Those of you who have applications pending, you can let me know what you are waiting for and re submit to me. I will see that you are given credit. If you are ever having a problem with an award and reasonable effort and time have passed, please let me, or K5ERJ Ed Redwine, Chairman of the Operation Committee, know ASAP so we can get the situation straightened out. The DX Countries award program was over seven months in arrears before I received the first complaint. This should not happen, that is why you have Officers and Directors.

That's all from this corner of the world. I hope to see all of you in Dayton and please remember to vote and make sure your dues are paid up, so you can.

**SUPPORT 10-10 -- STAY ACTIVE
PAY YOUR DUES ON TIME**

Meet the Candidates

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immensely and always look forward to being with them, working to maintain good relationships with the organization. By being a member of the Board, I feel I can give more support to the organization and its members. I look forward to spending the next term in office continuing to support the membership of Ten-Ten".

KF7ZQ, #54625 Michael (Mike) Elliott, Boise, Idaho. Mike is currently the Information Manager for Ten-Ten. First licensed in 1979 and holds an advanced class license. Mike is an Electrical Engineer with 25 years' experience and received his electronic training with the USAF. Mike's hobbies include electronics, ham radio and computers. Professional memberships include Institute of Electronic and Electrical Engineers and the National Society of Professional Engineers. "My interest started in the fifth grade with Knight Kit experiments. Later I received USAF electronic training. After Vietnam, I went to college receiving an Electrical Engineering Degree. I was finally licensed in 1979 and am a life member of Ten-Ten. I joined Ten-Ten after a contact with KOJPW, who lives near where I grew up in Kansas. Currently I am a member of over 70 Ten-Ten Chapters. For the past three years I have served as the Information Manager for Ten-Ten. I am currently the Idaho ARRL Assistant Director. Recently completed four year term as officer in local 500 members ham radio club. Served four years as club newsletter editor. Currently communications chairman for the local Red Cross Chapter. As Information Manager I have learned that it is one thing to get people to join Ten-Ten and quite another to get them involved. If elected I would like to work on membership. Involvement requires that members get information in a timely and understandable manner. I would work to encourage more activities for the membership. We must work with new hams to make 10 meters a positive experience. Such actions will promote 10 meters, develop good operating practices, and make amateur radio more enjoyable".

KJ5VV, #62500 Richard E. Russell, Midwest City, OK. Dick was first licensed in 1957 and holds an extra class license. Member of the IPA Radio Club, Southeast VHF Society, Oakie Relays, OK-DXA and FAA Radio Club. Hobbies are Genealogy, Amateur radio, Flying and Native American

History. Professional organizations, VFW, AOPA and IPA. Dick has earned first place in the Nevada Novice Roundup, 1992; 1st place Technician Class Phone, Oklahoma, 1992 and 1992 10 meter contest. Dick is an Aviation Safety Inspector with HQS FAA. Retired from active police work with the California Department of Justice and Sacramento Sheriff's Department, where he served as the Chief Flight Instructor. Dick has served 31 years active and reserve in the USAF. Has eight college degrees that include an MS in Aeronautical Science. Awards from the service include, among others, the Distinguished Flying Cross, Air Medal and DOD Meritorious Service Medal. Professional organizations are numerous including the Masonic Bodies and Ben Ali Flying Shriners. "I believe I can provide needed experience, volunteer efforts and energy to continue to perpetuate the use of 10 meters and our radio hobby. I will be able to capitalize on my 40+ years of volunteer and organizational experience that includes many hours and effort. I have been a member of Ten-Ten since 1992. I believe we can enhance an already strong nucleus of radio amateurs by education of amateurs in our organization, as well as other amateurs, at various hamfests and conventions".

KF0ZJ, #55241 THOMAS (TOM) MICHAELSON, Lincoln, NE. First licensed in 1989 and holds an extra class license. Member of the Lincoln Amateur Radio Club, PARC Radio Club and AK-SARBEN Radio Club. Tom is a life member and CM of the Platte River Chapter. Hobbies include Bowling and Amateur Radio. Professional organizations include the Masonic Bodies, Shrine and Chief Steward in local CWA 7470. Tom has participated in many of the Ten-Ten award programs and has a "wall full" of special event awards. "Tom is willing to serve in any capacity to assist Ten-Ten in the propagation of good radio practices and education of Radio Amateurs".

ARRL 1996 NATIONAL CONVENTION

Peoria, IL 14-15 September

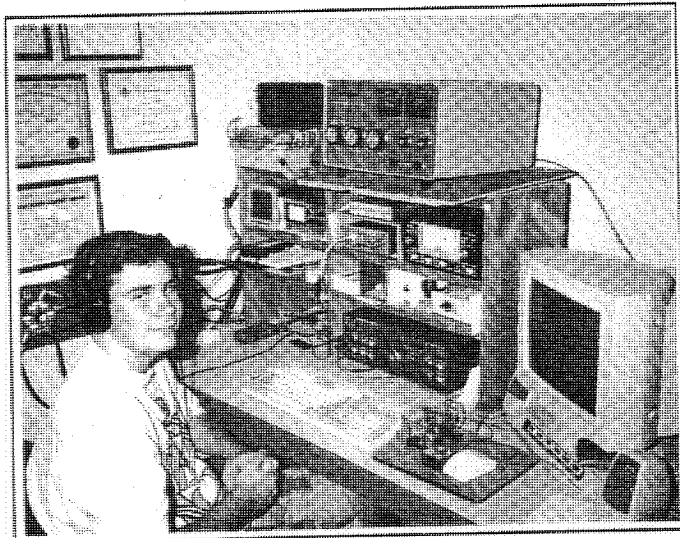
10-10 WILL BE THERE

STOP AT BOOTH G31 TO SEE US

Jack Miller, W9WYN, Director
Jim Williams, N9HHU, 9th Area Mgr.

The Future of Amateru Radio

Greg Fox, N9XBM #66459, of Avon (Hendricks County) Indiana is one of our young 10-10 members with an Extra Class license. It was just over a year ago, at age 14, that Greg passed his first exam for Technician and since then has rapidly advanced through the classes to accomplish his goal of Extra Class within a year of passing his first HAM examination.



Greg Fox, N9XBM #66459 of Avon, Indiana

His great enthusiasm for the hobby is shown by his having Worked all Continents on CW, by having 190 DX countries and his 1st in Indiana award in the 1994 ARRL 10 meter contest. Greg is a member of the Hendricks County Amateur Radio Club, and the HICKS Club of Indianapolis. He is pursuing an Academic Honors diploma at Avon High School with the goal of attending Purdue University School of Engineering for electrical engineering upon graduation. Greg received his varsity letter in swimming and is currently completing his Eagle Scout project. He participates on academic teams competition with his high school. He enjoys operating as net control for RACES related nets. Greg operates a Yaesu 990 with a Mosley TA33 at 40 feet and connects to the local DX cluster.

Greg comes from a ham family, his mother Maura is N9ZFO and his father, Wayne is N9XBO.

We are proud to have Greg Fox, N9XBM #66459 as a member of the 10-10 International Net.

Late Election News

As you may know, 1996 is an election year for five 10-10 Board of Director positions. Nominees for these positions were advertised in the 10-10 News for candidates to submit their desires to run for the five positions available. Only exactly five candidates volunteered to run for the five positions.

The bylaws of Ten Ten state that we have an election by ballot. In the past, ballots have been mailed to each paid-up member. The cost for the printing and mailing of the ballots will exceed \$5,000.00! Since there are only five candidates running for five available positions, it has been decided that a ballot will be included in this issue of the News and can be used to cast your vote, or you may refrain from voting and the Board of Directors, at their scheduled meeting in June, will declare the candidates elected by acclamation.

If you desire to vote, cut out the ballot and mark your choices, mail the ballot to: Dave Prichard, KA5OVO #37297, 10-10 Secretary, 16314 Thunderbay Drive, Houston, TX 77062-5111. Ballots must be received on or before June 1, 1996. Photo copies of the ballot will not be counted. Only original ballots cut from the News will be accepted.

CUT OUT BALLOT AND MAIL - PHOTO COPIES ARE NOT ACCEPTABLE AND WILL NOT BE COUNTED

10-10 Election Ballot

VOTE FOR FIVE (5) FOR DIRECTOR POSITION

- ☐ VE7ACM #30939, Garry Cameron
- ☐ KF7FQ #54625, Mike Elliott
- ☐ KF0ZJ #55241 Tom Michaelson
- ☐ KJ5VV #62500, Dick Russell
- ☐ WA9TSG #00310, Joe Williams

Mail your ballot, original copy only, to:
Dave Prichard, KA5OVO #37297
10-10 Secretary
16314 Thunderbay Drive
Houston, TX 77062-5111

BALLOTS MUST BE RECEIVED ON OR BEFORE 1 JUNE 1996

Cheating = ZERO Tolerance

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country). At no time is it acceptable for a 10-10 members to be relayed via a third station. These requirements for a legal 10-10 contact were reaffirmed by the Board of Directors, September, 1993."

The rule says it all. No where will you find permission to simply jump into a QSO and yell "I QSL your information" and expect it to count as a legal contact. Each station must acknowledge the receipt of the others information.

Our Ten-Ten award system is based on honesty, accuracy and integrity. Even so, there are those who walk the line while raising the inevitable "red flags" to the managers in question. As with anything, it is not the majority, but rather the small minority that causes all the problems.

Take for example one member who submitted award applications with bogus dates. He didn't seem to think dates were important so he invented some, along with highly suspect QSO's. This same member also claimed QSO's with no less than nine silent key members on a recent application. Usually there is no problem with claiming SK's on award applications as long as they were worked before they became SK's. In this case, all QSO's occurred after the members had passed away. AMAZING!

Equally amazing is the rise to the 2500 bar level in under two years when most of us know it takes many more years than that to normally reach that level. It should be mentioned this was done from mid 94 to Feb. of 96. Are we missing something here? Do certain parts of the US have outstanding propagation while the rest of the country hears nothing? Especially at the bottom of the 11 year cycle?

One thing should be noted here. Six of the ten award managers are on-line on the Internet and exchange information on as needed basis. They are able to communicate through this cyberspace medium on an overnight basis. It is often helpful for them to compare information especially when dates of previous awards are in question.

Our managers are diligent, dedicated volunteers that spend their time working for you, when they

would rather be operating themselves. They are all knowledgeable, understand propagation and are all active on the air. They know many other ten tenners on first name basis. All are bound by the duties of their jobs to carefully check each application and reject those that prove to be defective.

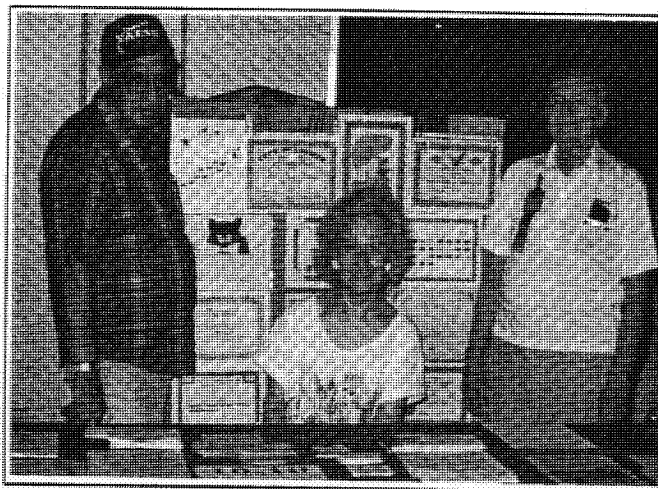
It is not unusual or out of line for a manager to check with stations listed on the application for actual contacts and dates. They do this frequently to insure accuracy, honesty and integrity.

A rejected application will contain information as to why the application was rejected. In 99% of the cases, all the applicant has to do is correct the defective information and resubmit. That is unless the application has triggered so many red flags as to be deemed "bogus".

Here are some of the red flags on awards applications:

1. Dates that are highly questionable.
2. A large number of contacts reflecting dates not consistent with propagation.
3. Listing of SK's QSO's with dates after their demise.
4. Names not consistent with what stations use over the air.
5. Duplication from previous applications submitted.

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Our thanks to the Fox River Radio League and the City of Lights Chapter for the complimentary space and opportunity to represent 10-10 at their July 1995 Hamfest at Waubensee Community College in Sugar Grove, IL. Left to Right: Mike, KC9OC #35140, Dorothy, XYL of W9WYN and Director Jack Miller, W9WYN #06894.

10-10 Internet Update

By L. B. Cebik, W4RNL #41159
TENTEN-L Coordinator

Since the appearance of the last issue of 10-10 News, TENTEN-L has continued to grow. The files in the archives have also increased. As a service to those who accidentally erase the "Welcome" message, with its instructions on how to use system commands, the archives now contain a reference copy of that important document. If you are a subscriber to TENTEN-L, you can retrieve an updated copy: send a message to
LISTSERV@LEHIGH.EDU
with the text

GET TENTEN-L WELCOME.MSG

If you are not a subscriber to the list, you can become one by sending a message to the same address with the text

SUBSCRIBE TENTEN-L <firstname>
<lastname> <call>

Note: even though the column format here divides the message into two lines, put everything on one line of your subscription message.

Also note the importance of having the first name, last name, and call in order. TENTEN-L will now also produce a list of subscribers by call areas, each area in standard-form alphabetized listing by call. However, this list can only be accurate if you subscribe in good form, so that the machine can recognize you. Your welcome message will tell you how to get the subscription list.

Resubscribing vs. Postponing - Suppose you did not subscribe in good order. Or suppose you are going to change e-mail servers. There is nothing wrong with--and a great deal right with--unsubscribing and then subscribing. All such message go to the listserv address above.

Remember that the e-mail server is a dumb machine. Once you unsubscribe, it instantly forgets you. Hence, resubscribing is really subscribing anew from scratch.

On the other hand, if you are going on vacation and do not want e-mail to pile up in your mailbox at your server, there is a better way. See your

welcome message for instructions on postponing and resuming service. This does not take you off the list. There is really no "resume" command; instead you specify how you want to get your mail. The standard is ACK, meaning that you get a copy of what you send in the distribution. That generally tells you how long it took the system to distribute your message.

NEW SERVICE: WWW - We have added a new service to TENTEN-L. You may access a large collection of information files via your WWW browser. Simply call up your browser and use this address

<http://www.lehigh.edu/lists/tenten-l>

That will put you on the starter page, which will then direct you to various subject files. Just click or "enter" on the highlighted subject.

We added the WWW service to make 10-10 information accessible to nonmembers. Most, but not all, subscribers to TENTEN-L are already members or very active on 10. However, there are many hams who might find 10-10 information interesting and who might be future members. The World Wide Web is a natural avenue to make 10-10 information accessible to them.

We shall be adding a page of links to other amateur radio home pages over the coming months. Our home page will also appear as a link in other home pages. This courtesy of cross-listing makes WWW information more readily available to system browsers. It even attracts nonhams to

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I GOT THE XYL TO GET HER TICKET, BUT I
CAN'T GET THE AUDIO GAIN LOW ENOUGH

An-Ten-Ten-nas

By L. B. Cebik,
W4RNL, #41159



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

No. 9 Fans and Bow Ties

Can you use a simple antenna that has an SWR of less than 1.5:1 all the way from 28.0 MHz up to 29.7 MHz? Then you need something stylish in the way of a fan or a bow tie.

Fanning the ends of a dipole or spreading them into a bow about the middle of each side of the element is an old trick for increasing the SWR bandwidth of a dipole. The fatter the element, the broader the bandwidth of the antenna without any significant loss of performance. Ten-meter fans have been around a long time, but folks have almost forgotten them. Let's restore the memory. Remember that there is a good bit of activity at the upper end of 10, what with satellites, repeaters, HF packet and the like. An antenna that will let you work both the repeaters and the CW end of the band is worth remembering.

Figure 1 captures the essence and the dimensions of a fan dipole for 10 meters. It is a resonant dipole for 10 with a feedpoint impedance of just

about 50 ohms resistive at resonance (about 28.75 MHz). A fan can be built with or without the center bar across the middle. However, if the middle bar is removed, the resonant point actually goes down in frequency to about 28.25 MHz with the dimensions given. So some shortening of the structure is in order.

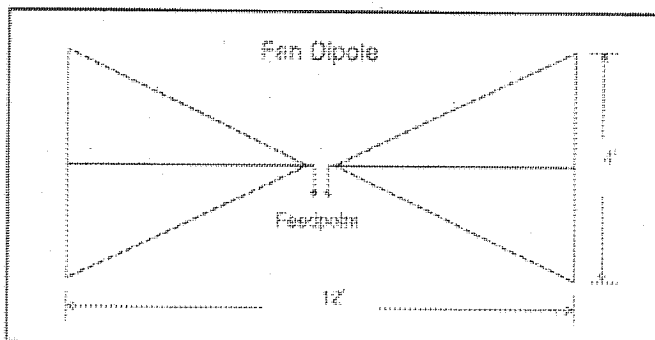


Figure 1. A fan dipole for 10 meters.

The bandwidth of the antenna increases almost linearly as the vertical dimension is increased.

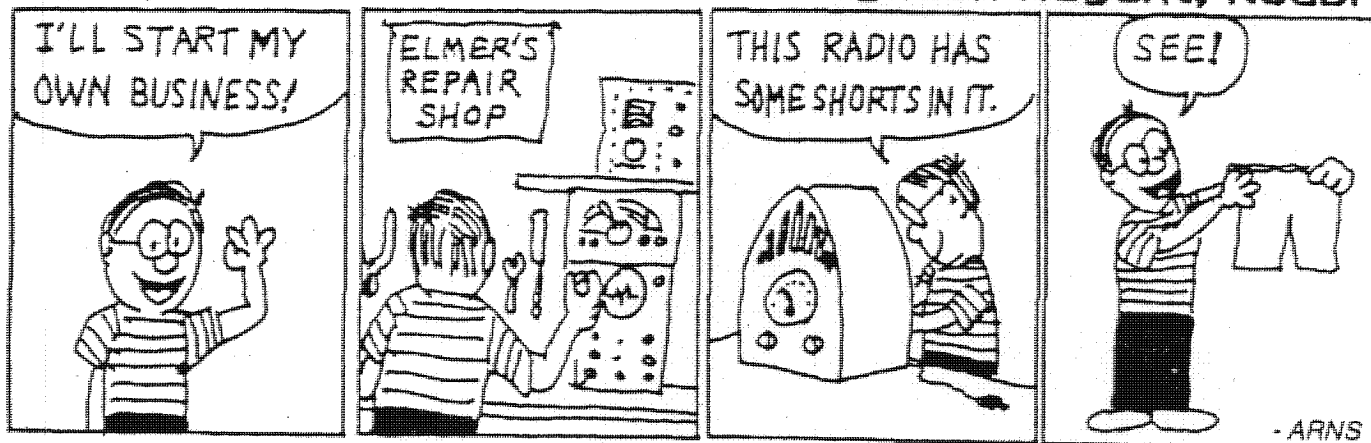
Four feet is a good compromise between performance and ease of building the antenna. At this size, the gain is about the same as a wire or tube dipole having a narrower bandwidth. With the right construction, the antenna will slip the wind easily and be a very long-lasting antenna. It may even look odd enough to fool your neighbors into thinking it is not a ham antenna.

Building the fan begins with a centerplate: plywood with a coating of the epoxy used for fiberglass repairs works fine. Make the horizontal element 0.75" diameter aluminum from the hardware store. While you are there, pick up an 8' section of aluminum rod or tubing about 0.375" (3/8") diameter and cut it in two. These are the end verticals. You can drill a 3/8" hole in the end

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ELMER

by Rich Regent, K9GDF



An-Ten-Ten-nas

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of the tube or use some other clamping system. I just slid the rod into the hole and locked its position with two tiny hose clamps, one above and one below the tube. A pair of bolts, with nuts on either side of the tube wall, press on the rod for electrical contact. Be sure to use lockwashers on the bolts for a good bite into the aluminum tube.

#14 stranded wire runs from the rod ends to the center of the dipole. Another set of hose clamps locks the wire in place at each end. Mount the plate on a mast, turn it by motor or hand, and the job is complete.

Be sure to use stainless steel hose clamps and hardware. A little conductive "butter" helps preserve contacts, especially where the metals are dissimilar.

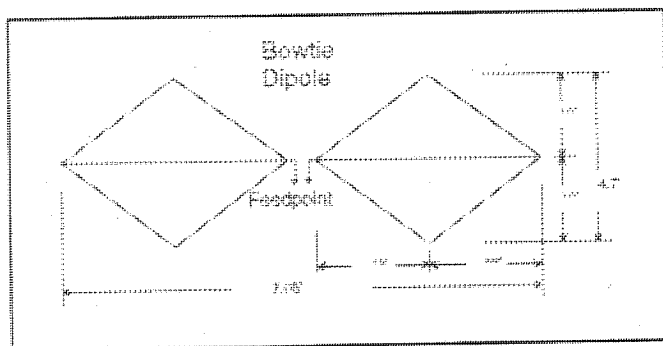


Figure 2. A 10-meter bow tie antenna.

An alternative to the fan dipole is the bow tie. Instead of spreading the antenna at the ends, we spread it in the middle of each half of the dipole. For the same bandwidth, we must have a longer antenna, spread a bit wider at maximum. However, the ends come back to the center tube, which makes construction a bit simpler for some folks. The same principles apply. However, notice that no vertical element is showing in the diagram.

Use something nonconductive for this spreader. A length of Schedule 315 PVC (thinner wall) may do the job. The wire tension will keep the tubing from bowing, and a simple set of brackets will hold it to the center tube.

The SWR bandwidth of the bow tie is just as good as it is with the fan. If you think you can hear the difference made by 1/10th of a dB gain, then computer models say the bow tie is that much better than the fan. (Before you get caught up in

the idea, forget trying to hear a 0.1 dB difference in anything; you cannot do it.) So the difference comes down to this: which antenna is easier for you to build.

Fans and bow ties used to be built from bent tubing, getting rid of the center horizontal tube. Personally, I do not recommend this construction. Even if you are an expert tubing bender and do not weaken the tubing by crimping it, the wind will transform your fan or bow tie into a crumpled scarf in very little time. Some modification of the suggested construction method, adapted to what you have in your shop, makes the strongest assembly.

Fans and bow ties, especially fans, lend themselves to 2-element beams quite readily. Ask the folks at Butternut, where they make a multi-band beam from 2 fans slightly larger than the dipole described above. They call it a "Butterfly" beam, so if you make a beam from two bow ties, you can call it a dragonfly beam.

Actually, a monoband beam for ten is not too difficult to build. With the basic fan dipole as a guide, you will have to lengthen the back element by about 5% or load it with a coil at the center. The driven element will be long, just about long enough to add the right inductive reactance for creating a beta match with a capacitor across the feedpoint terminals. You can experiment with a variable capacitor and then replace it with a fixed capacitor of the right value. About an eighth wavelength of spacing (about 4.3') will give the same performance as a "full size" 2-element Yagi, such as the "simplest" Yagi described in an earlier column.

While 10 is so marginal for everyday activity, I suppose I will not break any taboos by mentioning the fact that you can apply the same fan principle to wire antennas for the lower bands. With all the variables that go into wire antennas for 80, 40, and 30 meters, it likely makes no great difference if you connect the ends of the fan together or leave them separate. If you add a fan wire to an existing antenna, be prepared to shorten the antenna, since the spread wire will act like a thickening agent. Some hams have strung wires cut for the low end of the 80-meter CW band, the Novice portion of the band, and for 75 meters, all with one feed. However, 80 is so wide a band (as a

.....continued on page 29

TenX DX News

By Mike Davidson
KC5CP #24949



Several DX topics have been 'hot news' the past three months. Since band conditions have been the poorest in years, I want to talk about DX issues, members going places and new on-line features.

The ARRL Awards Committee voted Romeo Stepanenko disqualified from DXCC. Romeo submitted documentation for his 1993 P5RS7 North Korea operation and was unanimously voted down under two rules concerning operating ethics because he cheated. This DQ means he is not eligible to participate in the DXCC program in any manner. This includes, disallowance of contacts made with any station or DXpedition operated by him from now on! Operations before this action count but forget working him in the future.

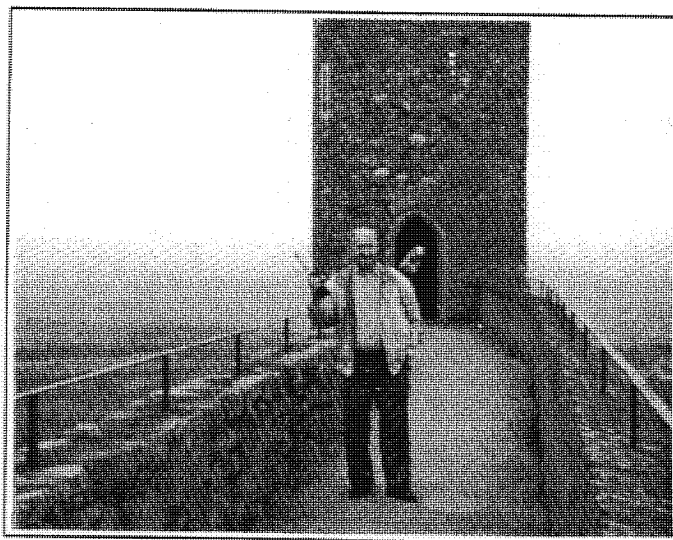
Now the rest of the story: Romeo 3W3RR/AH0M, (no ten ten) who lives in **Moscow, Russia**, is rumored to be a salesman (arms dealer) and has contacts in many Asian countries. Romeo has been making a name for himself in the DX community as he has operated from several rare countries where his Russian position helped get his radio license. Romeo and others faked the P5RS7 North Korea operation and were caught cheating, like submitting pictures from the P5RS7 operation and now these pictures have been identified as locations **not** in North Korea. A source in the S.Pacific told me two years ago, that Romeo operated from **Vladivostok, Russia** just over the border of N. Korea and this location was verified by Japanese stations using directional equipment.

OK, I doubt Romeo is going to lose any sleep over the black list but this action has upset many DXers! Some now want to disallow **ALL** of his operations, which including myself, are counting for DXCC credit. I worked hard to get him from **Myanmar, Afghanistan and Vietnam**, he was there and these cards count for DXCC. Even though Romeo was in **Libya**, it may never count due to political pressures and now the black list. Unfortunately, when you cheat, you live with the consequences!

A big controversy has erupted over the proposed **destruction of DXpedition logs** by Karl Leite PY7KM #39920. "In January 1997, all logs and QSL cards of the past will be destroyed. So, if you would like to get a QSL, mail your card with sufficient green stamps to his address." Karl is the manager for several PYO operations that have taken place: PY0F **Fernando de Noronha Isl.**, PY0T **Trindade Isl.**, PY0S **St. Peter & Paul Rocks**. He manages over two dozen calls from these islands! Can you imagine the uproar that has come back at Karl for proposing such a travesty?

N200 Bob Schenck #12732 has come forward asking for the logs and QSL cards if Karl or **anyone** else decide they want to destroy logs. Several things immediately come to mind: 1) Bob needs to decide the framework under which he will provide this service, and once decided, obtain the blessings of as many DX organizations as possible; 2) Get the word out as widely as possible; 3) Computerize the images of these logs for safe keeping. I will keep you informed of developments to this story.

Last issue I talked about **Scarborough Reef, BS7H** by **KJ4VH** Tim #41856, and **Pratas Island BV9P**, being the next new DXCC countries. The DXAC voted to accept Pratas Island in January. Scarborough was approved over the objections of the DX Advisory Committee by the ARRL Membership Services Committee in February. The DXAC, made up of 15 DXers, voted **NO** to Scarborough being a new country. The ARRL MS Committee voted **YES** and overrode the DXAC group and **Scarborough** is now a new country! The start date for Scarborough is January 1, 1995.
.....continued on page 11



Fritz Zwiggli, HB9RE #40944, of Zurich, Switzerland
standing on top of the Auerbacher Scholss

TenX DX News

continued from page 10

Only QSOs made after that date are eligible for credit. Thus, the 1994 operation did not qualify. QSL cards for both countries will be received by the DXCC Desk starting April 1, 1996. QSLs for BV9P to Steve Wheatley (KU9S #31988), POBox 5953, Parsippany NJ 07054. The QSL cards for Scarborough Reef BS7H goes to JA1BK.

The Sunday 555DX net had no activity for the past month and I have closed the net until next winter. I hear skip south into **Central & S.America** but signals are weak. I expect the number of sun spots to increase in late 1996 when the winter DX season opens for the US. The Maximum Usable Frequency (MUF) will go up as we move from Cycle 22 to 23. Conditions will improve so keep working the short skip looking for 10-10 numbers.

The news about **P5 North Korea** is not good as they have had a very bad winter. Possibly in a few months, there could be an announcement of an upcoming **P5** operation by Finish operators. **China** amateurs are helping North Korea get more experience with Amateur radio, like direction finding, which is a big pastime in China.

The **United Kingdom** is going to stop issuing callsigns beginning with **G**. On April 1, 1996, all new callsigns will begin with the letter **M**. So **MM** will be **Scotland**, **MW** will be **Wales**, **MI** will be

Northern Ireland, plain **M** will be **England**, etc. Existing callsigns will remain unchanged in the **United Kingdom**.

Upcoming DXpeditions & New 10-10 Country Activity: (Editor: I need to verify the following operations worked on ten and swapped numbers with someone!)

Gerard, **F2JD** #63443, was active as **S79JD**, left the **Seychelles** in December and **5R Malagasy** in January 1996. He will be leaving Malagasy after 2-3 months.

LIBYA 5A. Reports indicate **LZ1WR** Ted #51524 will be in Libya in March 1996. Ted and his non member daughter **LZ1HH** hope to use the call **5A1A**, (get his 10-10 number as **5A1A** is not a member). **3V8BB Tunisia** Club Station by **DL8OBC** Felix #55519 QSL direct to **DL2OBF** Heinrich Langkopf, Ritterstrasse 42, D-31174 Schellerten, Germany. **RWANDA 9X4WW**. Mark, **ON4WW** # 49103, who was signing **9X/ON4WW** has received his new callsign and has been active on 75-15 meters mostly CW. **New 10-10 Country pending all of these calls.**

KH9/AL7EL - The **Wake Island** DXpedition was active February 1-7. The operators were **WB2DND** Don #27629, with non members **AL7EL**, **KC7V** and **K4HQI**. They only made 30 SSB contacts on ten! QSL via **K4HQI**, Lloyd Westbrook, Box 638, Commerce, GA 30529.

KD7P Bob #26991 is closing out many of his **NH4**, **NH5**, **NH6**, **NH7**, **5W1GB** and other logs. Send to Bob Winters, 314 A Bedrock Dr., Everett WA. 98203.

FO5VO French Polynesia by **N6VO** Ron #9550, will be operating from Tahiti (OC-046) from February 12 to March 31. Ron likes CW mostly and QSL to his callsign.

3A/1YRL Monaco by Luc #58966 is expected back in Monaco in March but no specific dates have been given.

TI/W7TSQ Costa Rica by Bob #35684 operated Feb. 21 to March 5. **HK0/ San Andres Isl.** (NA-033) Feb. 13-20. **HR2/ Honduras** March 5-11. **HR6/ (NA-057)** March 11-18. QSL to Bob Preston, 809 Carry Rd., Edmonds, WA 98020.

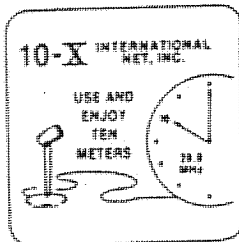
TD9IGI Guatemala (TG) by Scott **KA9FOX** #31122 operated Feb. 22 to March 3. After setting a new 15 meter world record in last year's ARRL DX SSB Contest, Scott used a new **TD9** prefix. QSL to Scott Neader, 629 King St., LaCrosse WI 54601.

.....continued on page 22

TEN-TEN STAMPS

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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.

00087 K8JZN - William D. Parks, North Canton, OH
 00917 WA2ALQ - Robert W. Potter, Clifton, NJ
 02138 K3SLH - Joseph Lutz, Sr., Pottsville, PA
 02669 W4DGZ - Harvy R. Brunelle, St. Petersburg, FL
 05454 AG1W - Dudley D. Hardy, Stratham, NH
 05862 N0NOY - Lawrence B. Amelung, St. Ann, MO
 06172 W5PSP - Sankston S. Tunnell, Artesia, NM
 08764 WA8SQQ - Lawrence C. Baughman, Canton, OH
 09766 W2CTL - Howard W. Platt, Fort Lauderdale, FL
 10695 W6BJB - Masaji Takata, San Jose, CA
 10765 K1WJB - Joseph Santoro, Shelton, CT
 11098 WD5LNV - Claude C. Fogle, Dallas, TX
 12234 W4PME - John B. Berry, Jr., Highlands, FL
 13287 WB4YGI - Robert N. Olson, Milton, FL
 19289 KD4GF - Charles C. Castle, Fort Pierce, FL
 19791 WA6BLT - Joseph O. Anfenson, Oceanside, CA
 21849 W5JLU - Leonard N. Barrett, Nederland, TX
 22318 WB9UMU - Charles N. Miller, Stevens Point, WI
 23155 N4EKF - Donald W. Blackwell, Lake Panasoffkee, FL
 24089 K8JOS - James L. Powers, Amhurst, OH
 26165 WD4FTK - John C. Murray, Sr., Yorktown, VA
 26910 K7AOA - Nicholas C. Hipp, Sun Valley, NV
 27178 KZ6U - James D. Young, Riverside, CA
 28189 KD1C - Richard H. Hale, Tuscon, AZ
 28230 WD0FFO - Samuel H. Adams, Bloomington, MN

29163 K4HW - E. T. Bullock, McLean, VA
 30115 AB4FF - Fred W. Barmore, Tampa, FL
 31130 WD9COP - Darold L. Pasley, W. Brooklyn, IL
 32263 N5CRW - Robin L. Babb, Corinth, MS
 32694 WD6CMZ - John W. Young, Pacific Palisades, CA
 33835 W3MJF - Raymond A. Davidowski, Natrona Hgts, PA
 35562 N3ALJ - Henry J. Soracco, Pittsburgh, PA
 35762 WA4LGQ - Louis J. Metz, Cary, NC
 36792 KD7NF - Sig A. Belland, Medford, OR
 37450 W3RLR - Joseph Mullan, Baltimore MD
 37709 N4IBF - Roger C. Frith, Nashville, TN
 43506 WB6ITZ - Claude M. Ruyle, Port Hueneme, CA
 45955 W3KHS - Raymond H. Cummings, Sharon, PA
 46394 N6PAC - Paul W. Jones, Pleasant Hills, CA
 47524 K5MOF - Aubrey Armstrong, San Antonio, TX
 47663 KB7ERF - Charles R. Everett, Auburn, WA
 48477 WA4WHB - James E. Marino, Jr., Apex, NC
 48954 KA7WFB - Donald Churchill, Nehalem, OR
 49557 KB4KDG - Donnie C. Savage, Florence, SC
 49804 KE8NZ - John D. McGeorge, Canton, OH
 50809 N7KSQ - Martin F. Edwards, Aberdeen, WA
 55168 W4AXB - Perry E. Morrison, Americus, GA
 55234 N0LLY - Harold G. Drybread, Topeka, KS
 56725 N7MBK - George A. Robitaille, Jr., Dundee, OR
 61981 N3NOM - Herbert R. Smith, McKees Rocks, PA
 66383 KA7GVK - Merlin G. Stickler, Seattle, WA

*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*

10-10 Special Event

The South Carolina Golden Corner Chapter, KF4GBK #68222, will be conducting a Special Event Station on July 4, 1996, from 1400Z to 2359Z. The event is in observance of Independence Day and to promote operation on 10 meters. The frequency will be 28.429. Although 10-10 information will not be exchanged on 28.429, an alternate frequency will be given to those wishing to exchange 10-10 information.

For a certificate send your QSL card and 2 FCS to CM Bob Long, KE4QQR #66995, 507 Greenview Drive, Anderson, SC 29625-4906.

American Automobile Centennial Special Event Station

The Garden City Amateur Radio Club of Dearborn, Michigan, will have a special event station on the air from 1400-2200Z on June 15 and June 16, 1996. The event celebrates the American Automobile Centennial Anniversary from the Henry Ford Museum. 10-10 members can talk to other 10-10 members on 28.380 and can receive the special event certificate for a SASE to: G. C. A. R. C., PO Box 482, Garden City< Michigan 48135.

For additional information contact L.H. Hamilton, N8PWY #62851, at 313/427-0989.

Chapter Coordinators Column

Dave McCardell
WD4EWB #18760

Affiliated...None

Reaffiliated...Imperial Dragon

No Longer Affiliated...None

In Extremis...Sky Blue Waters

It is understood that during these times of little or no propagation, some chapters overlook the reporting their lack of activity in the form of the quarterly report to the Chapter Coordinator, but it puts me in the position of having to de-affiliate or place a chapter in extremis when it is obvious that because of the lack of activity this report is just being overlooked, it just takes a minute to drop me a line, note any changes in the chapter requirements, chapter officials, or net times; if you have e-mail leave me a message stating the changes or the fact that there are no changes if that is the case.

PLEASE...There have been complaints of unnecessary delays in receiving upgrades back from some CM's..Some delays are caused by circumstances beyond the control of the CM; illness, work schedule, etc...other delays?? On the other hand, the members when upgrading should make sure that they provide the CM with all the info required in the format requested making it as easy as possible for the CM to process and turn the upgrades around..

REMEMBER??...The Queens and Kings Chapter of Montana. Ably run by Bea, K7CZQ #32741, with the help and support of her OM, Dick, K7BND #38511. This chapter was held by and propagated by most all of the active paperchasers. This chapter was another of a long line of outstanding organizations which promoted activity on 10 meters. Bea and Dick, due to health problems, have had to curtail their 10-10 activity, and place the chapter in QRT status. Bea and Dick are well known to the active 'chasers and managed to attend a large number of the Conventions, as well as the bashes in Reno and Dayton. Thanks for your

contributions to 10-10 and our wishes for your better health in the future...

REMINDER... To remain affiliated with 10-10, all chapters must file a quarterly report at least once each year. This information is printed in the 10-10

Awards Guide and the monthly guide updates. We don't want the membership wasting their time and money on a chapter that is no longer active. Chapter reports should be mailed to WD4EWB, P.O. Box, Harrison, Tn 37341, or if more convenient, chapter report will be accepted by e-mail, WD4EWB@aol.com..the 'Award Guide' is available from KJ4FM, price info is listed on the Membership Information and Services pages of this issue of the 'News'..

FT MCHENRY...Special 1 April to 30 April, 1996

Collect Ft McHenry Wichita numbers for three (3) points each to your F.M. and Recruit numbers for five(5) points each to your Cornerstone. Must be postmarked before 31 May 1996.. **BO-NUS...**double the points of each special when working a member of the board of F.M. (one time only per special)..1 July to 31 July 1996 special..collect Stars'N Stripes seals for 3 points each to your F.M. point value and collect 'Foundation' seals for 5 points each to your Cornerstone value.. Postmark by 15 August 1996..Board member **BO-NUS** applies to July special as well....

CRADLE OF LIBERTY..'The Liberty Bell' certificate can now be earned by C.O.L. members by collecting 150 points rather than the previously required 500 points.

TWIN CITIES SPECIAL...1 through 30 June 1996..contact Twin Cities members for two points each contact...members with 'WC' suffix will be worth five points each....added bonus find the Governor of Minnesota (25 points), the Mayor of Minneapolis (10 points), and the Mayor of St. Paul (10 points) or find all three for 75 points...Call, 10-10 number, date worked, and Twin Cities basic

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ATTENTION MOMS AND DADS

Do you have a boy or girl, or perhaps know of a young person, under the age of 15 who has their license and 10-10 number? The News would like include them in our series "The Future of Amateur Radio"

Send information, including a picture to the Editor, address on page 2.

Chapter Coordinators Column

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number to WA4KUP via US Mail by 15 July 1996. Also all member visitors to the QTH of Brad, WA4KUP #55192, Loreen, KC6MJO #57217, CH/CM of the Chapter will be awarded the 'Key to the City' worth 25 points to the visitor and worth 10 points to all members who collect the 'Key.'

PIRATES OF THE MISSISSIPPI... New address for the CM is N9KLH, Johnnie Walker, P.O. Box 11, Quincy, IL 62306-0011.

THE TOM AND JERRY NET... New point and upgrade system announced by Tom, KS4ZI #66980, SASE for a copy. Net Wednesdays, 0030 UTC, 28.370, check-ins have numbered from 18 to a high of 54...

IMPERIAL DRAGON... Newly re-affiliated January 1996, after being de-affiliated the fourth quarter 1994. Just a note to let our members know that the 'Dragon' is alive, well, and still kicking 'down under'..

BATTLE ROAD... 1 April to 30 April..Collect 'Muskets' 1 point for each five..Spell 'PATRIOTS DAY SPECIAL' for 25 points (one wild card using a member whose certificate has a 'Q, X, or Z' on it. No dupes and must be postmarked by 15 May 1996....Log info: Call, 10-10#, BR#, Musket# or letter..

RESTORATION PROJECT... Per Janis, VE7AAP and Garry, VE7ACM, this chapter now accepts upgrades via e-mail....The holder of the Permanent Special has ceased paper-chasing, consequently that special has been dropped... E-mail address is: catsncar@cedar.alberni.net...

MISSISSIPPI LIGHTHOUSE..... Certificate Manager, N5LBZ, Stuart #52162, has announced that the following seals may be upgraded via e-mail; Flame Bearer, Blue Seal, Beacon Shaft, and Gold Seal. All other upgrades are certificate-based and require handling by US Mail. E-mail address is: N5LBZ@aol.com

STEEL CITY.... Note the time for the Sunday net should be 1630W/1530S Also, for 1996, each

month look for the 'Inspector', worth 25 points to you. For your birthday month: take your age (minimum 21 points) as a point upgrade and five points each for every Steel City member you work during your birthday month. CH/KE9VK, Betty, 50631, CM/KE9WZ, Wally #49610

COLORADO - CENTENNIAL... Still the largest chapter now with 3487 memberships issued....announcing a new certificate offered by the chapter 'OLD FOSSIL AWARD'; three requirements for this award: (1) be a member of the Colorado Centennial, (2) be a member of 10-10 International, and (3) be a member of the QCWA, Quarter Century Wireless Association...Send your info (10-10, Cent #, QCWA #, and Call) to N0CKW, 532 Florence St, Aurora, CO 80010-4227. Be sure to send a 9X12 size envelope with two first class stamps...

WINDFARMS... announced the naming of a new Chapter Head, KI6OY, Lee Zalaznik, #50948..Also note the net time, Thursday, 0330Z, winter, and 0230Z, summer, on 28.485 MHz..

FOR YOUR INFORMATION... Those CM's that accept e-mail upgrading generally require only old, new and total points and seals, with the provision that you keep the detailed upgrade info handy in the event the CM needs it for verification; also, any action which would result in a certificate or worksheet should continue to be handled via USMail..If anyone would like a list of those CM's who accept e-mail upgrades, S.A.S.E. or e-mail request to WD4EWB at the address given in this column. Also if there are any CM's not listed, who desire to be listed as accepting e-mail upgrades please let me know via e-mail or US Mail and it will included on the list as well as being listed in this column for the members information....

For the information of CM/CH's...The Award Guide is only as current and accurate as that information that is forwarded to the editor, KJ4FM. A review of the 'Guide' indicates some out-of-date information exists, as well as some active chapters omitted, so in order for us to provide our membership with current information, a request is extended to all
.....continued on page 16

NEED AN FCC FORM 610?

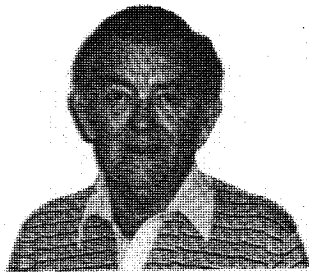
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Mike Elliott, KF7ZQ #54625

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MARK YOUR ENVELOPE "610 FORM"
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*from the
Editors
Desk*

Chuck Imsande
W6YLJ #19636



This issue of the *News* comes to you from our new home in Sun City West, Arizona, a retirement community, sometimes known as the Senior Citizen Day Camp Center. The move from Tarzana, CA was a bit more than expected. The amount of "junk" that can be collected in slightly over 25 years at one location is unbelievable! But at last about 98 % of everything is here in Arizona. The most important stuff, such as the radios, antennas, and computers, are all here and operational. Everything else just makes life a little more pleasant.

The move came at a very inopportune time as far as 10-10 and the *News* was concerned, but somehow the *News* went to the printer just a few days later than normal. So any blame for the *News* being a few days late can be attributed to our move. Most of the articles, pictures and stuff for the *News* that arrived in CA made it to AZ, but a few things did get misplaced. Thanks to those who sent dupe information. The originals will most likely show up when we get to unpacking all of those boxes. If you sent something in for this issue and it did not make it, send it along again and we will try for the next issue. Things should be calmed down by then!

As I told Esther (the XYL - KB6HW #23331) it took us only 5 days to pack over 80 boxes, but it may take us 5 months to get them all unpacked and put away.

Now that the move is basically complete and this issue of the *News* has been "put to bed", we now can do some operating of the radio and find out what this Senior Citizens Day Camp Center is all about.

WANTED - PHOTOGRAPHS

Send photos of you or any 10-10 member, or 10-10 activity, to the Editor. Black & white or color photos are acceptable. Please include identification of the persons or activity on the back of each photo. Write on a label - not on the photo back.

Cheating = ZERO Tolerance

continued from page 6

And there are others!

All managers have an information sheet listing all the requirements for the award in question. If you are fuzzy on award details, then send an #10 SASE to the manager and ask for the information sheet. They will be happy to oblige.

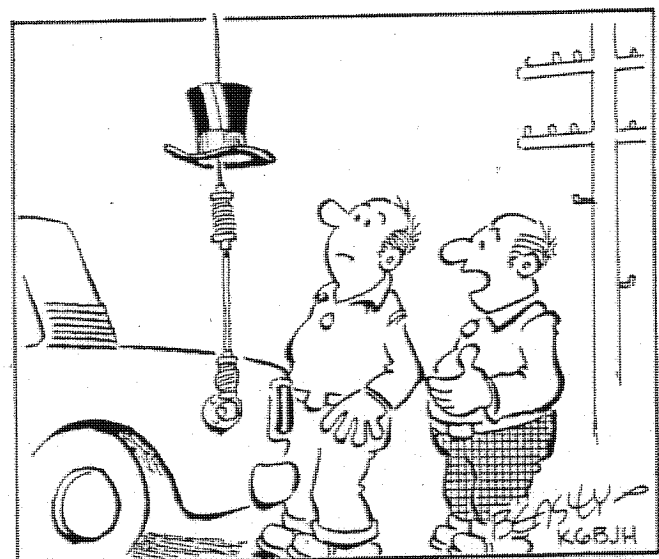
Remember: A legal contact is the two way exchange of information, acknowledged by both stations. A legal application will contain the required information, with dates and no dupes from previous award applications.

All members are encouraged to participate in the Ten-Ten award program. Ninety Nine percent of the members who participate pose no problems. Again, it's the one percent causing problems.

If you gained nothing else from this article..just remember, **Cheating Equals ZERO Tolerance.**

Cheating is not condoned nor will it be tolerated. Any member caught purposefully cheating will be subject to Board of Directors action and the possible exclusion from any further awards..

Ed Redwine, K5ERJ, 11843 is a 20 year member of 10-10 and is currently serving as Director and Chairman of the Operations Committee. He is also founder of the Air Capital Chapter serving as CH and Senior CM.



Chapter Coordinators Column

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chapters to provide KJ4FM and WD4EWB, chapter coordinator, with the latest information on your chapter. It would also be a good time for all the chapters to get current on their quarterly reports. If we all got into the habit of sending in a report on the time changes from and to Daylight Time, we would always be current.

I must have my report in to the editor by no later than the fifth of March, June, September, and December, so in order to make the deadline and if you want your chapter information in the current issue, it needs to be in my hands by the first of those months. Chapter information is printed on a space available basis, and sometimes not all received can be printed. If E-Mail is more convenient or available, send to WD4EWB@aol.com; otherwise mail to P.O.Box 246, Harrison, TN 37341-0246

10-10 at the Dayton Hamfest

The 10-10 organization will be at the Dayton Hamfest with a 10-10 Forum on Saturday, May 18, 1996, from 11:15 a.m. to 12:45 p.m. The forum will be held at the High School Gym. This year the Hamfest committee has expanded the Forum locations to include the local High School Gym facilities in order to provide more space for the attendance in forums.

Linda Barnes, KJ4FM #43299, will be the moderator of a panel discussing "10 Meters is Alive and Well...Somewhere". The panel will consist of Tom Henderson, K4CIH #33233, President, and Chuck Imsande, W6YLJ #19636.

There will be free bus transportation from the arena to the High School. Departure time is approximately 20 minutes prior to the start of the forum. The information contained herein supersedes the information published in the schedule of Hamfest Events program.

If you will be at the Dayton Hamfest, plan to meet many of your 10-10 Net Officials at the forum.

Test your Knowledge Results

Last issue we ran a **Test your Knowledge** contest to see how many 10-10 members could name the State with the most, second most, least and next least hams.

A total of 19 responses were received, both by QSL card and E-Mail. One entry was received after the 10 February 1996 deadline. The correct answers were as follows:

State with most: **CA** with 107,944

State with second most: **TX** with 43,413

State with second least: **SD** with 1,589

State with least: **DE** with 1,497

The results of the entries are as follows:

CALL	10-10 #	# CORRECT
K0PVI	9902	4
KA2MKQ	66732	4
KG8VC	67625	4
N3NOP	63098	4
WK3C	55735	4
WN4BBJ	61825	4
KA8BUM	54786	3
KD6QFX	65856	3
KE3LE	64582	3
KE6GTR	65859	3
KE9QW	31113	3
KG9DO	66852	3
W9KCM	2133	3
WH6LU	65878	3
KC4RIY	58203	2
KD4CPB	60750	2
WA3LHP	48027	1
WA4IUL	12452	1
WC7I	62579	1

The six who picked all four correct will receive a 10-10 Convention Coffee Mug. The answers were from the January 1, 1996 W5YI Report.

Kansas Trails Chapter New Chapter Head & Certificate Mgr.

Frank Hawkins, KB6UPG #51849, advises that he is the new Chapter Head and Certificate Manager for the Kansas Trails Chapter of 10-10. Frank can now accept upgrades via E-Mail at: KB6UPG@aol.com. Mail can be sent to Frank at: 110 Sunset Ridge, Box 424, Grove City, MN 56243.

IN MEMORIAM

ROBERT L. (BOB) CRAWSHAW

WA0NGV #4408

6-26-25 3-19-86

When I was asked to write an article about my friend Bob Crawshaw, my first inclination was to panic! The shock of his becoming a silent key on March 19th. is still fresh at this writing.

How in the world do you write something that would do justice to a giant among our membership? To someone that exemplifies the very ideals of Ten-Ten with his dedication and excellent manners. It then hit me. Just give the facts, and all who knew him will recognize what I am trying to say.

Even though Bob and I talked hundreds, even probably thousands of times in the past twelve years, I am indebted to his loving wife, Mary for helping me fill in the gaps.

Bob Crawshaw was a unique man. He was born in Great Falls, in 1925. As a young man he worked as a lineman climbing poles in weather more suited to polar bears. His love of flying came full circle when he enlisted in the Navy in WW 2 at age 17, just months shy of receiving his high school diploma. His mother accepted the certificate of graduation on his behalf.

It was the Navy that taught Bob how to fly. His first solo was in a Navy Stearman. After the war, Bob had a flying service around Helena but soon opted to attend the famous Spartan School of Aeronautics in Tulsa, Oklahoma where he picked up an aviation degree. Later, after moving to Wichita and joining Clyde Cessna's successful team he completed an Aeronautical Engineering degree from Wichita State University. He graduated Cum Laude.

Bob enjoyed a long career with Cessna, retiring as Chief Test Pilot/Engineer and Manager of Flight Operations.

In 1955 Bob married his sweetheart, Mary Norris, a Kansas girl from St. John. They had a daughter, Susan who, like her Dad has found a career with Cessna as a technical illustrator.

In the early 60's Bob found Ham Radio. Even

though he was already a skilled amateur photographer, he found the idea of one on one communication to be right up his alley. His easy style and demeanor made him a popular addition to the local ham fraternity. He gave back what he received. He served as director and trustee for the WA0RJE Tech-Ni-Chat ARC for 25 years before retiring the position. He even applied for and received a 10-10 number for the club station and diligently gave the numbers at the same time he made his own exchanges.

I first met Bob in 1984 after moving from Texas to the Sunflower State. Then, in 86, when I looked for help in forming the new Air Capital Chapter, Bob was there ready and eager to help.

He was one of our Charter members and was very diligent in his support of the chapter and of Ten-Ten in general. In an earlier E mail message to the Ten-Ten list, I called him a cornerstone in our local group. He helped provide the solid support that made has made us successful for the last ten years. That same rock steady support applied to the parent program as well.

Bob helped me co-chair the 1993 Ten Ten Convention held in Wichita. He did so willingly and without complaint even though at the time he was not well.

You know, some voices you hear coming from the speaker just seem to have a smile in them. Bob's was one of those. Even when he wasn't feeling up to par, the smile always came through. Over the past ten years, many of you got to meet Bob and see (and hear) that smile in person.

Never once did I ever hear Bob Crawshaw criticize another. He would only find good things to say about anyone. Even when he became very ill, he stayed upbeat and positive. He was the epitome of what good operating is all about. You want another adjective?

How about Gentleman! Pure and simple!

I would like to end this piece by quoting something I posted earlier to the Internet.

"When ten awakens from its slumber, there will be a void in the spectrum. That void will be the space once occupied by Bob Crawshaw, WA0NGV.

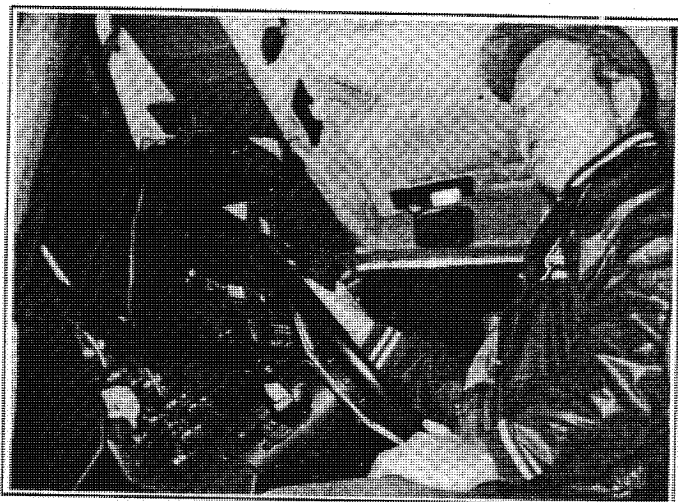
Rest in peace Bob.....you most certainly will be missed"

Your friend, Ed Redwine, K5ERJ #11843

FEATURED STATION

By Bob Ryan, K6RVG #18022

Ed Bryant, KA5GLZ #50356, of Las Lunas New Mexico, is a traveling Ambassador of Good Will. Owner-Operator of G&E Bryant Inc. Trucking, Ed travels all over the lower 48 States, and parts of Canada. He drives a PeterBuilt truck he call Teddy Roosevelt because it is a "Rough Rider". Ed spends most of his time on the road giving out chapter information, and happily passing counties information to the County Hunters. Ed is an avid paper chaser, and has a Yeasu FT 747 in his truck covering 80-10 meters into a ProAm antenna, plus 2 meters for local contacts. Also uses a Ranger RCI 2950 on 10 meters.



Ed Bryant, KA5GLZ #50356, of Las Lunas, New Mexico

He mostly works 10 meters because he "Likes The People". Ed was born in NM, but has lived in ND, FL, ID, NC, AZ and MT, but says that New Mexico is home, and always has been. At his home QTH he has a Yeasu FT 901DM feeding a Cushcraft A3S on a 40 foot tower. Ed and his lovely XYL Grace have been married for 40 years, and she occasionally accompanies on some of his trips and helps him out by doing his logging for him.

Ed holds certificates for "Worked all States, and Worked all Continents" but the certificates he probably the proudest of are 28 year safe driving certificates from the American Trucking Association, and Great Western Insurance Co. Ed has attended 10-10 conventions in Dayton, Wichita, Las Vegas and Tuscaloosa, Alabama, to

meet with his many radio friends. If you are looking for counties, or chapter information, look for Ed around 28.345, and he will be more than happy to accommodate you.

A Dream Come True

My name is Greg Malone, N3FSC #46927.

I have been a ham for 9 years being first licensed in 1987. I have also been a 10-10 member for that long but not active until the past two years.

In June 1993 I visited the Beautiful Island of Bermuda with my wife, Bonnie, WB3GBN. Much to my dismay I learned that I could not operate HF (or VHF) as I was only licensed as a Tech Plus and the Radio Society of Bermuda requires that you be at least a GENERAL of above before being able to obtain a reciprocal license to operate in Bermuda.

We left after a great week and I was determined to do two things:

1. Upgrade my license as soon as possible.
2. Return to the Island of Bermuda not only to visit but to operate HF as N3FSC/VP9.

I returned home and with the constant prodding of a good friend, Joe Pearlstein, NU3Y of the Frankford Radio Club, I finally put my mind to it and upgraded to General and a few short weeks after that I received my Advanced ticket. I am currently working on my Extra Class ticket and hope to have it soon.

My friend NU3Y and I were talking a few months ago about our different experiences in Bermuda and how much each of us missed the island and could not wait until we were able to make a return trip.

Well, I was listening to an Oldies station in Philadelphia, while I was working one night at my job as a Police Officer and they were giving away a cruise for two to Bermuda.

All you had to do was to be the 8th caller when they played a certain record and you would qualify to be a finalist at the end of the week in the grand prize drawing. I heard the record in question and

.....continued on page 21

Paper Chasing Personalities

**Chuck Albrecht
N0CKW #8105**



Last Christmas we had a nice 3 day opening to most parts of the USA, but, then it became very quiet in Colorado until February 20th when the band stayed open for several hours. It is a great joy to hear any signals on ten these days. I am mourning the loss of a friend. Just the other day I heard the news that John, KA1LEV #40403 had passed away. John was a ray of sunlight coming out of New Hampshire. He will be missed.

Now on this quarters **Spotlight**. I'm featuring Al Pulling, K1WQU, of Rutland, Vermont. Al joined 10-10 back in 1971 and was assigned 10-10 number 2225. He was first licensed in 1962. This 70 year old amateur came from a family of three sets of twins.



Al Pulling, K1WQU #2225

Al has over 100 10-10 awards, Worked all Countries and five band Worked all States. For many years, Al has kept New Hampshire on the 10-10 map. There are not many active 10-10'ers in Vermont so Al plays a very important role giving out contacts for the Green Mountain State. My hats off to you, Al, keep up the good work.

10-10'ers are invited to contact me for comments, correction or suggestions for this column. My address is: 532 Florence Street, Aurora, CO 80010-4227, or you may contact me at my packet address: N0CKW@N0QCU.#neco.co.USA.NOAM.

Last, but, not least I would like to remind readers that the 10-10 Paperchasers will again meet in Reno, Nevada on August 15 through August 18 at Circus-Circus. Betty, KB6AN reminds all if you are going to attend make your reservations for the 5th floor. Contact Betty for full information on the meet.

.....Until next quarter, 73, Chuck, N0CKW #8105

Scholarship Fund News

By Morrie Goldman, W6EHM #4189

The Foundation for Amateur Radio will again administer the 10-10 Scholarship Program for 1996. FAR will administer a total of 57 scholarships, three of which are funded by 10-10.

Licensed Radio Amateurs may compete for these three 10-10 scholarships if they plan to pursue a full-time course of study beyond high school and are enrolled in or have been accepted at an accredited university, college or technical school. The 10-10 Scholarships are for \$1,000.00 each.

Additional information and an application form may be requested by letter or QSL card prior to April 30, 1996 from:

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

Applicants for the 10-10 Scholarships must provide a written recommendation from a current active 10-10 member (one whose dues are paid current). Applications must be signed and received by FAR prior to June 1, 1996.

Silent Key

It is with great sorrow that we report the passing of 10-10 member John O'Neill, KA1LEV #40403. John became a Silent Key earlier this year.

John was retired from the U.S. Marines, with 30 years of service. He was founder and CM of the very popular White Mountains Chapter. Many of you may have met John at Dayton or the Shreveport 10-10 Convention, or at one of the many New England events. He was a regular check in on the back scatter net, and was also very active below .500. He will be missed by all.

10-10 Internet Update

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amateur radio as they browse through all the activity information related to our hobby.

Each service--the TENTEN-L subscription list and its FTP archives and the TENTEN-L WWW home page--has its own unique niche in the information superhighway. One focuses on members and those already serious about 10-meter activity. The other concentrates on potential members and potential hams.

I recently read that only 8% of Americans had heard of Internet and that only 3% had used it. Sounds pretty bleak, doesn't it? However, 8% translates into 20 million people and the 3% user group amounts to about 7.5 million folks. Out of that, we might capture at least a dozen new members and reactivate another dozen who once retired from 10-10 activity. Or more. . .

Had a message--actually several--noting that while the sunspots are down, it is nice to have the Internet services--both the list and the WWW home page--to keep us interconnected and informed between issues of the 10-10 News. When the sunspots return, there is no telling to what good uses TENTEN-L subscribers can put the list.

As always, our thanks to our host Jim Eshelman and Lehigh.edu, who provide our Internet connection at no cost to 10-10.

Until then, remember: **The sunspots never set on the Internet.**

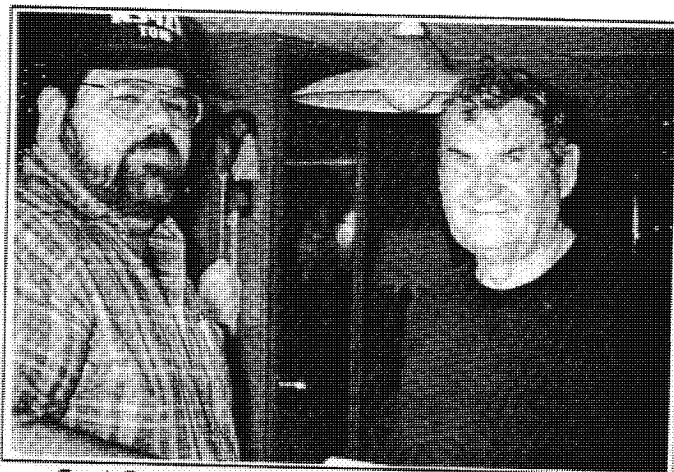
*L.B. Cebik, W4RNL #41159,
TENTEN-L Coordinator
(e-mail: cebik@utkvx.utk.edu)*

New Address and Phone No. for the Editor

Note that there is a new address, phone and FAX number for the Editor. E-Mail remains the same at: w6ylj@aol.com. The new address is: 20815 Desert Sands Drive, Sun City West, AZ 85375-5446. Phone is 602/214-8788 and FAX is 602/214-8280.

News from the Tom and Jerry Chapter

The Tom and Jerry Chapter of 10-10 has been growing and wants all fellow 10-10 members to listen for their net on 28.370 MHz on Wednesday each week at 0300 UTC. Don't give up, because we are listening every Wednesday, says Tom, KS4ZI #66980, Chapter Manager.



Frank Boardman, NF4F #67798 (T&J #59) receiving a blue and gold pen from Tom Bench, KS4ZI #66980, the original Tom of the Tom and Jerry Chapter.

A drawing of all member numbers in December 1995, resulted in a pen being awarded to Frank, NF4K #67798. During a February 1996 net, the number of Steve Pikula, KN4BL #47828 (T&J #43) was drawn for a coffee mug.

Hard Copy of 1996 10-10 Roster Still Available

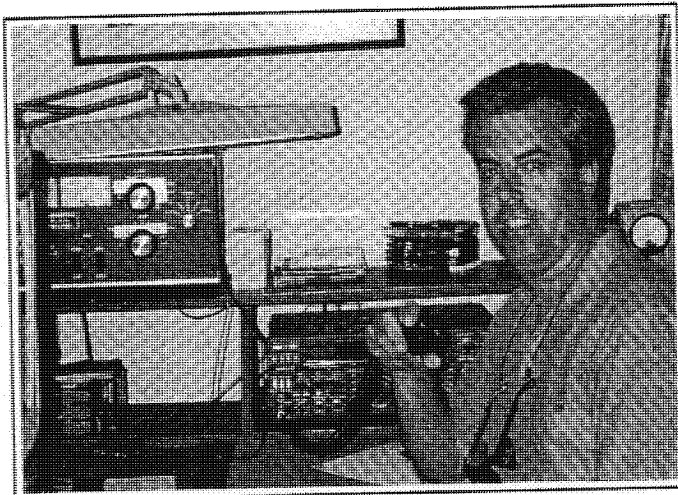
There are still available a few copies of the 1996 10-10 Roster printed on 8 1/2" x 11" paper are still available. This "hard copy" of the roster is punched and ready to put into a 3-hole notebook. These rosters are available on a first-come basis until the current supply is sold out. A limited number of "hard copies" of the roster are printed only once each year and when sold out, there are no more available until early 1997. The 1996 roster includes all additions and changes through 31 December 1995.

If you want a "hard copy" of the 1996 10-10 Roster, send your check, made out to 10-10 International Net Roster, 643 N. 98th Street #142, Omaha, NE 68114-2332. Cost postpaid is \$11.00 US and \$14.00 DX in US funds.

A Dream Come True

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went to a phone booth and called several times but the line was busy. I tried one more time and if it was still busy I was not going to bother again. Much to my surprise the phone rang and as luck would have it I was the 8th caller and now eligible



Greg Malone, N3FSC operating as N3FSC/VP9
from the Island of Bermuda

for the grand prize which was to be picked on the air several days later at the end of the week.

My wife Bonnie and I were on the way to the Jersey Shore to our summer home, as usually did on the weekends, when I did not have to work. We were listening to the radio station waiting for the announcement when all of a sudden they announced my name as the grand prize winner for a cruise for two to Bermuda. We were so excited that I almost had an accident and had to pull off the side of the highway to regain our composure.

It was great returning to Bermuda to see the Island but the BEST part of this time was that I was able to operate HF and sign N3FSC/VP9 a dream that I did not know would ever come true.

The bands were not in real good shape, but I did make over 50 contacts in the short time that I had available to operate and would like to thank all who answered my CQ's and QSL'ed.

Many thanks to the Hams in Bermuda that I spoke to for making me feel at home, especially Alan, VP9AD for all of his help.

The Colorado Bighorn Museum of Amateur Radio

The Grand Re-opening of The Colorado Bighorn Museum of Amateur Radio located in downtown Genoa, Colorado which is sponsored in part by the members of 10-10, is slated for the 4th of July weekend 1996. The new 11,000 square foot facility is presently under renovation and will most likely not be 100% by opening, but most Museums are always under some sort of redevelopment. At this writing however, things are falling into place in good order and we will have much to display. We presently have over 1000 pieces to show. When fully developed, we will have all of the equipment, which has been restored and for the most part operational, a Library containing amateur radio related periodicals dating from 1922 with a compliment of service manuals on thousands of pieces of ham gear, a small snack bar, a gift shop, meeting auditorium with dance floor and stage complete with facilities for "live" entertainment, a Club Station with 9 operating positions on all modes from 160 meters to 70 cm., guest rooms, a hospitality room where non-ham types can congregate and enjoy an intricate stereo system and full service satellite TV.

Genoa is located in East-Central Colorado on Interstate 70 at Exit 371. A small agricultural community which boasts the distinction of being the highest location, East of the Rockies to NYC where you can see 6 states as proven by Ripley in 1936! At one point it was directly on the infamous Rock-Island Rocket Line. Another Museum depicting Indian heritage and Agriculture finds its home in Genoa. This Museum has an observation tower from which the above mentioned 6 states

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?? WHAT NO 1997 10-10 CONVENTION ??

HELP! - HELP! - HELP!

We must have a volunteer host or there
will be no 1997 10-10 convention.

SUPPORT 10-10 - VOLUNTEER NOW

Contact: Director Jack Miller, W9WYN
PO Box 123, Brookfield, IL 60513-0123
Telephone: 708/485-5990

TenX DX News

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V47NZ Nevis Isl. & FS/N0BSH St. Martin by Mike #29804 was active from Feb. 14 to March 6. QSL to Mike Tessmer, 1702-1/2 Lomis St., LaCrosse, WI 54603.

VP2VF British Virgin Isl. by Dirk #28450 on his usual frequency of 28450 at 1500Z now has his antennas back. Dirk was the only 10-10 DX station I worked in February.

VP5JP Turks & Caicos by Joe #22977 operated mostly CW in Feb. QSL to his new address: Joe Pontek, POBox 59573, Schaumburg, IL 60159-0573.

ZL8 Kermadec Isl. DXpedition upcoming in May 96. Ken Holdom **ZL2HU** #37889 is the organizer of a six man team going to Raoul Isl. in the ZL8 group. Donations are being sought for the ship expense of \$25,000 to: Ken Holdom, POBox 56099, Tawa, Wellington, New Zealand.

On-line DX information:

Thanks to **JA1QGT** Toku #5379 for his Email information on band conditions and stations heard.

He has worked into **Guam KH2**, **Mariana Isl. KH0**, **S.Cook ZK1**, **W.Malaysia 9M2** and **Australia VK** this past month. Also **JA4DWZ** Yasu #15046, thanks for the DX news. You can obtain QSL information via Email by sending a message to qsl-info@aug3.augsburg.edu. In the message just type the callsign of interest, nothing else, and return. ONE call per line, but certainly you can list several calls. This service is by **WQ5L** Ray Rocker #42108.

Subscribe to the on-line **DX Reflector** which is a DX list server like the **TENTEN-L**. Subscribe requests: dx-REQUEST@ve7tcp.ampr.org DX info on the web: <http://ve7tcp.ampr.org/DX/>. I get about 20 messages/day.

If you are looking for the "Daily Solar Radio Noise flux" use: <http://www.drao.nrc.ca/web/solar.shtml>.

Propagation: Solar flux will range from 67-83 in the Spring/Summer of 96, as I write this, the Solar flux is 72, the A index 6 and K index 1, about the same as last quarter. Expect flux dips to 65, high A indexes greater than 20 and the K index greater than 4, will occur 30% of the time. For stations in the US, expect a 5% chance of DX propagation to

be East-West paths into Europe, Asia and Africa. For stations in S.America, expect a 15% chance of DX skip into Europe and Asia. Expect sporadic E Layer conditions to be 1-2 hop skip from 400 to 1600 miles with fading. Remember to listen for the beacons (28.2-28.3) to check conditions.

Letters & Cards Received:

Congratulations to **DL7IO** Holger #22401 and **DL7IQ** Birgit #62276 who delivered a 7 lb. 6oz. girl Saskia Moana on December 26, 1995! Holger was **DL7VTM** and Birgit was **DL7VTZ**. Corrected address: Holger Hannemann, Rudolf-Seiffert-Str. 58, 10369 Berlin, Germany.

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

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

A Clarification...

It has come to our attention that there may be some confusion as to the cost of a Family Life Membership. A Family Life Membership is available for 25 times \$3.00, or \$75.00 cost. Family Life Membership ends when the regular member becomes an SK.

W6OI #109 on the Air

Louise Chapman, **N6ELK** #36654, has volunteered to be the 10-10 Net Control Operator for **W6OI** #109 on a trial basis. This will make each Wednesday beginning at 1800Z on 28.800 MHz a very special event. Please include a SASE when requesting a **W6OI** QSL card via **N6ELK**, 3210 Clark Ave., Long Beach, CA 90808.

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

Ten-Ten Awards Process

By Carl Fisher, W0HIK# 40678, VP Manager

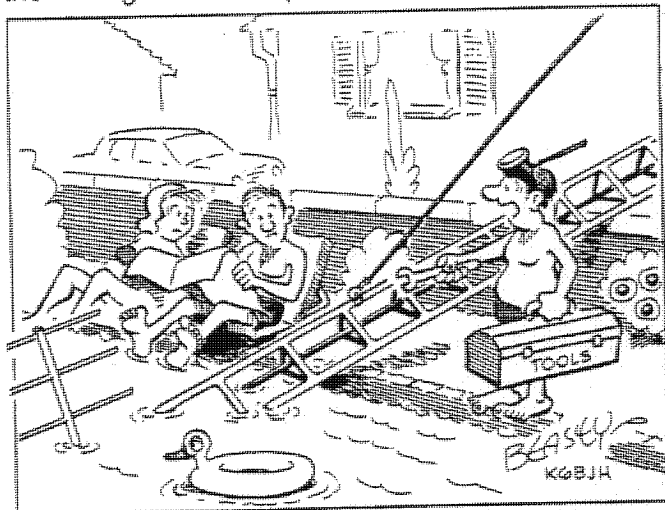
When ten meters has been good to you, and you have made new QSOs, be certain you log them. Preferably you are using Universal Time (used to be known as GMT or Zulu Time). If questions should arise about the exchange, you have the log to refer to and everybody has the same time and day.

Yes, the FCC has relaxed the rules about logging, but 10-10'ers need to have confirming evidence of what they have done so long ago they have forgotten the details. There are several good logging programs for computer logging, and many are using these now. Be certain it has a "duplicate checking" function to eliminate one source of trouble for the award managers.

It is very frustrating to find duplicates on a person's listing submitted for awards, whether on the award itself or from several awards back. Very little leeway is allowed for these, and none are allowed on any one submission for an award. I have received an application with 63 duplications from previous bar awards out of 100 QSO's required. It was sent back immediately, costing time and stamps both ways. Be certain you follow the award rules.

Managers don't like to have to reject applications, but do what they must under the rules. Contact the award manager with an SASE for the rules. VP and other award rules are available "On line", use address: <http://www.lehigh.edu/lists/tenten-L>.

Unfortunately, we have had applicants recently who tried to make up for poor propagation with their imagination. Tip off's to the managers are



HI, I'M YOUR NEXT DOOR NEIGHBOR AND THIS IS MY
TILT-OVER TOWER---GUESS I'LL HAVE TO WORK ON IT
OVER HERE

QSO dates, quantities, and distance, even whether the reported party is a silent key! One recent application had seven silent key operators listed who were deceased before the person was eligible for the award applied for! I wonder if the equipment to converse with the SK members is even more expensive than what the rest of us have to pay??

The main reason 10-10 came into being is to increase use of the amateur 10 meter band. Ten Ten traffic constitutes a large part of the communications happening there now. It is rewarding to me to be able to know how many different people I have met (and became friends with) over the years. The 10-10 awards and Chapter certificate upgrades are not ends in themselves, nor a life and death matter. They are a recognition by your 10-10 organization for a job well done. Let's all have the respect for the awards which they deserve, and not cheapen them by poor operating or fraudulent reporting practices. You should know that those awards you have received are worthwhile because you paid the price in time and effort to do it the correct way.

The Colorado Bighorn Museum of Amateur Radio

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may be viewed. Within a 10 mile radius you have access to 12 motels, 3 RV Parks, 7 restaurants, 3 grocery stores, 7 service stations, 4 Museums and all other usual amenities. Genoa is 120 mi South-East of Denver and 85 mi North-East of Colorado Springs.

Beside the normal tours of the Museum, our Grand Re-Opening Days will include a BBQ, a dance, and a VE Test Session. We would sure love to have you out to participate in this historic event!

If you would like further information on itinerary, accomodations, or what-ever, you may contact the Museum in any of the following: USPS: Bighorn Museum, P.O. Box DX, Genoa, CO. 80818, Telephone: (719) 763-2296, Packet: KB0RYA @ KB0RYA.#NECO.CO.USA.NOAM, or E-Mail to: 102675,3253@compuserve.com

USE PACKET

TO CHANGE YOUR CALL OR ADDRESS

Send your information to:

WA6POZ@WB0BLR.#SWIA.IA.USA.NA

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

Ten Ten NewsLine

AMATEUR RADIO NEWS AND INFORMATION

On March 15, the ARRL delivered to the FCC a stinging critique of the agency's record in amateur enforcement and interference. The ARRL findings can be nothing but embarrassing to the Commission. Whether it will stimulate needed reforms remains to be seen.

Especially in the past three years, the FCC, and its Compliance and Information Bureau (CIB), have been "completely ineffective" in meaningful Amateur Radio enforcement, according to the ARRL.

"The current perception in the Amateur Service is that there is no Commission presence whatsoever, and instances of intentional rule violation are increasing substantially as the direct result of that perception", the ARRL said.

"The League has an Official Observer program in place, with dedicated volunteers, but its work product, once submitted, has been ignored and implicitly rejected by the Commission as a basis for any enforcement action, and the program is essentially non-functional as a result. ...The work of radio amateurs who volunteer thousands of hours of time monitoring these violations, conduct sophisticated direction-finding to identify the rule violators, and prepare transcripts for the CIB offices, has all gone for naught, and the volunteers are understandably and justifiably demoralized," the ARRL said.

The League called this a "shameful waste of volunteer resources" that could be fixed using few FCC resources.

In recent years, the Commission has been viewed as a 'paper tiger' in rule enforcement matters. It has failed to act in even the most egregious rule violation cases in the Amateur Service...Many children who are both Amateur Radio licensees and who are served by Amateur Radio, in those areas where malicious interference exists, are subjected to obscenity and indecency, all in a deliberate effort to jam ongoing rule complaint amateur communications," according to the ARRL.

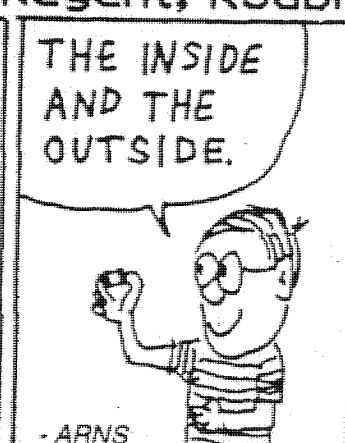
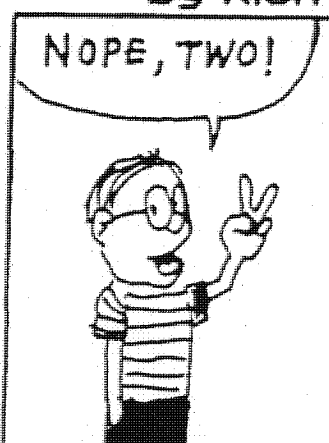
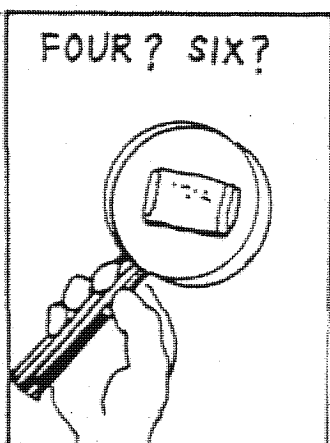
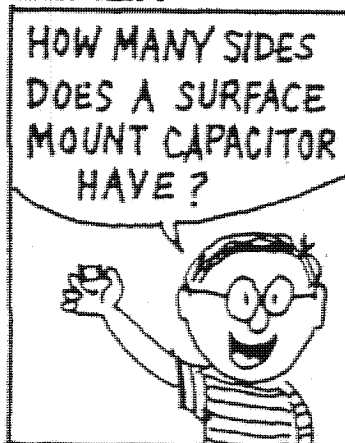
The ARRL said it has received assurances from FCC CIB staff at all levels that the most visible, current malicious interference problems would be resolved. Those promises allegedly went unfilled. The League said "only excuses have been offered" and that the service provided by the CIB in Amateur Service enforcement is "the worst example of the Commission's services to the public."

ARRL revealed that local FCC personnel in the field offices have been instructed "not to address any amateur enforcement problem absent specific instructions from Washington to do so." This is true even though hams have a good working relationships with most engineers-in-charge at the FCC offices around the country, and the engineers are willing to help, according to the League.

Besides malicious interference, the ARRL also addressed interference experienced by home electronic equipment. As has been previously noted, the FCC has legal authority to require better radio frequency interference (RFI) protection in con-

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ELMER

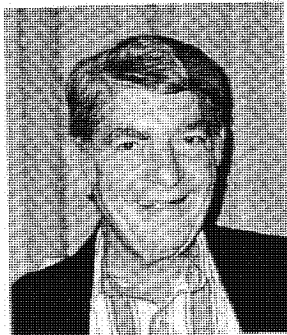


by Rich Regent, K9GDF

10-10 Reflections

By
Morrie Goldman
W6EHM #4189

10-10 Historian



Twenty years ago, the 10-10 Quarterly Meeting convened on 25 January 1976 at the Hilton Inn in Fullerton, California. (Dinner was about \$4, including tax and tip.) This meeting was reported in the Spring 1976 Bulletin. The 10-10 officers for a one-year term were installed. General Manager Claude Martin (SK), #437, covered the operations of the U.S. call area managers and first resident DX Manager, George Currie (SK), #774. Editor Hans Tromholt (SK), #181, expressed his views on the actions necessary to assure the continuing success of the 10-10 Net. He made several suggestions: we should draw on the expertise of members outside the Los Angeles area to serve as officers; election of officers should be by mail ballot; and 10-10 meetings should be held outside the Southern California area—in other call areas. (It amazes me that Hans had the foresight to see that all these objectives would be accomplished.)

It was also reported that arrangements were completed for computerizing 10-10 records and using the mailing service for 10-10 Bulletins. The FCC assigned W6OI to the 10-10 Net. Four Bulletins were planned for 1976 and subsequent years. For the first time, the 10-10 shared a booth with QCWA at SAROC, Las Vegas, from 8-11 January 1976, courtesy of Bert Ayers (SK), W6OL #17762. The Philadelphia and Colorado 10-10 chapters also planned to have booths at the ARRL Conventions in their respective areas in July 1996.

Awards Manager Frank Orcutt (SK), #386, reported that the 2500 Plaque was issued to Robert Osborne, WA5JDU #3017, and James Taylor, WA9LIC #1599, making a total of nine to date (as of January 1996, the 364th 2500 Bar was issued to Bob Johnson, W5UFA #23660). Nineteen members have earned 10-10 W.A.S. Number 18 is Charles Blevins, W4JHE, and number 19 is John Swancara, WA6LOD #6860. The W.A.S. award program was started by Rick

Sant, WB6EWE #3303, in January 1994; in January, 1996, John Boran, W9MVP #50644, earned W.A.S. certificate number 2300! Net Coordinator George Elliott (SK), W6ENC #1774, reported the activities of 27 10-10 Chapters, including 3 DX: England, Australia and Argentina.

The last page of the Spring 1976 Bulletin contained additions to the 10-10 membership roster, beginning with Danny Wotherspoon, VE7CMC #10277, and ending with R. Gagnon Case, VE2BLW #12327...and that's the way 10-10 was in the spring of that bicentennial year, 1976!

I received a letter from Walt Joos, W6EKM #12369, who obtained his amateur license in 1928 and recently changed his QTH from Sun City to Blue Jay, California. He recalls that his friend Jim Paine (SK), W6OI #109, came to Inglewood, California before WWII from Texas, when his call was W5OI. Both Jim and Walt were very active in the Inglewood ARC and in ARES. I remember when Jim was 10-10 Net Control on Saturdays in the spring of 1972, when band conditions were excellent. Jim would take check-ins by DX and others by call areas because of the pile-ups. It was my pleasure to hear W6OI on the air again on Wednesday, 28 February, with Louise Chapman, N6ELK #36654, as the designated Net Control Operator. Should this endeavor prove successful, perhaps we can solicit other U.S. 10-10 Net Control Stations to volunteer as designated Net Control Operators for W6OI, #109, VP #109, the Club Station of the 10-10 International Net.

Wanted - Photographs

Send your photographs to the Editor
Black and white or color. Address on page 2.

10-10 Officers and Directors E-Mail Address List

Name/Call/Position	E-Mail Address
Tom Henderson, K4CIH, President	k4cih@aol.com
Chuck Imsande, W6YLJ, Vice President	w6ylj@aol.com
Dave Prichard, KA5OVO, Secretary	ka5ovo@aol.com
Keith Schlottman, K17RK, Treasurer	ki7rk@aol.com
Linda Barnes, KJ4FM, Director	kj4fm@aol.com
L.B. Cebik, W4RNL, Director	cebik@utkvx.utcc.utk.edu
Dave McCardell, WD4EWB, Director	wd4ewb@aol.com
Pete Matson, KC1CP, Director	kc1cp@aol.com
Ed Redwine, K5ERJ, Director	k5erj@aol.com
Bob Ryan, K6YVG, Director	boryan@aol.com
Joe Williams, WA9TSG, Director	wa9tsg@execpc.com

10-10 AWARDS

AWARDS ISSUED THROUGH 29 FEBRUARY 1996

TOP TEN HONOR ROLL

Allen Mattis,
N5AFV #27571

CALL	10-10#	# CONT
1 WA5JDU	3017	22,800
2 W0RWC	518	19,400
3 WB1DBZ	26001	18,300
4 PJ2WG	27999	17,000
5 K5MRU	218	16,500
6 W4WKQ	33299	15,700
7 WB7NUU	17416	11,800
8 WA9LIC	1599	11,600
9 N5CUQ	40	11,400
10 K0PVI	9902	11,200

VP AWARDS

Bob Peschka
K7QXG, #5956

500 BAR

VP #	CALL	10-10 #
2855	KS4UE	66932
2856	N1UHX	67133
2857	N0YYO	66372
2858	N9MLF	60287
2859	KB2MRI	59458
2860	LU5HEN	10334
2861	KE4OAM	66917

1000 BAR

Allen Mattis,
N5AFV #27171

CERT #	CALL	10-10 #
1408	AA1KS	56510
1409	LU5HEN	10334
1410	WD8CTX	46846

2500 BAR

365	KZ3T	41015
366	LU5HEN	10334
367	KE4AAZ	65767

VP AWARDS

Carl Fisher
W0HIK #40678

VP-100

CERT#	CALL	10-10 #
361	KC6NDG	58415

VP-200

176	KE4QQR	66995
177	N6TXT	50198

VP-300

NONE

VP-400

70	KE4QQR	66995
71	KE4AAZ	65737

VP-1000

11	WB1DBZ	26001
----	--------	-------

LUCKY 13 AWARD

Bob Peschka
K7QXG #5956

CERT #	CALL	10-10 #
378	N9RDZ	62997
393	KQ4QF	62648

VP WORKED

ALL STATES

Carl Fisher,
W0HIK, #40678

CERT#	CALL	10-10 #
12	KA7ICF	46221

WORKED ALL CONTINENTS

Mark Taylor Murphy,
KC4HIT #57448

CERT#	CALL	10-10 #
	NONE	

COUNTY HUNTER AWARD

Alice Jenkins,
NR4R, #31223

100 COUNTIES

CERT#	CALL	10-10 #
383	KA9YTR	48248
384	W9BZP	38229
385	N1DSN	60115

200 COUNTIES

WA6ZPX	36007
KA9YTR	48248
N0YYO	66372
AB7IZ	66835

300 COUNTIES

KA9YTR	48248
KE4QQR	66995

400 COUNTIES

KA9YTR	48248
N1PDV	63955
KE4QQR	66995

500 COUNTIES

88	KE4AAZ	65767
89	KE4QQR	66995

600 COUNTIES

KZ3T	41015
N3GZE	44119
KE4AAZ	65767

700 COUNTIES

KE4AAZ	65767
--------	-------

WORKED ALL COUNTRIES

Tom Henderson,
K4CIH, 33233

25 COUNTRIES

CERT#	CALL	10-10#
517	N6TXT	50198
518	LU5EWO	66016
519	AA2FS	59465
520	WD5HJC	21786
521	VE7ACM	30939
522	VE7AAP	50407

35 COUNTRIES

286	N6TXT	50198
287	N2PKX	61789

45 COUNTRIES

202	KD4IBI	61844
203	KC5BKT	64386

55 COUNTRIES

127	KD4CPB	60750
-----	--------	-------

65 COUNTRIES

98	KD4CPB	60750
----	--------	-------

165 COUNTRIES

3	IK6DPW	47482
---	--------	-------

235 COUNTRIES

1	KC5CP	24949
---	-------	-------

THANKS

Our thanks to Linda Barnes, KJ4FM #43299, for her help in typesetting the Awards Page.

Become a 10-10 1996 Scholarship Fund Volunteer

Send your 1996 Scholarship Fund Donation today to
Morrie Goldman, W5EHM #04189,
Scholarship Manager,
21518 Marjorie Ave., Torrance, CA 90503-6814

10-10 AWARDS

ISSUED THROUGH 29 FEBRUARY 1996

OM/XYL AWARD

Elaine Nickoloff,
N8CBE #30409

BASIC - 10 TEAMS

CERT #	CALL	10-10#
376	KD4AYU	64436

125 TEAMS

274	W9WYN	6894
-----	-------	------

50 TEAMS

353	KE4CRU	65133
-----	--------	-------

WORKED ALL STATES

Susan Brackeen,
KA1CAD #29600

CERT#	CALL	10-10 #
2301	ZL1DAY	54247
2302	W5OXA	14208

PREFIX AWARD

Bill Montgomery
KB3GW, #35517

100 PREFIX

CERT#	CALL	10-10 #
215	KA9YTR	48248
216	W19X	49635
217	KB3GW	35517
218	AE4JM	66932
219	NK0S	34184
220	N6TXT	51098

200 PREFIX

112	KB3GW	35517
113	KA9YTR	48248
114	WA6ZPX	36007
115	NK0S	34184

300 PREFIX

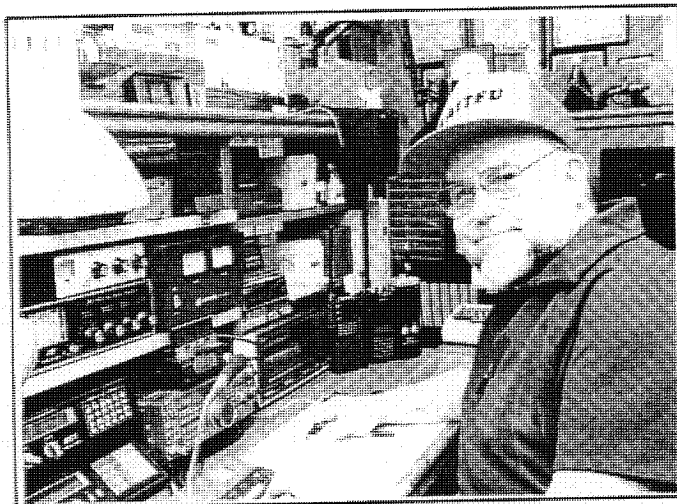
68	KA9YTR	48248
----	--------	-------

400 PREFIX

NONE

500 PREFIX

23	KC1FV	45274
----	-------	-------



Eddie Midura, KA1TFU #52461, of Palmer, MA

Summer 1995 SSB QSO Party Results

USA DISTRICT WINNERS

	CALL	10-10	QSO's	PTS
1	KD1YN	59148	282	511
2	N2EOC	37549	752	1341
3	NI3I	41057	267	470
4	KQ4PK	63201	564	1007
5	WA5JDU	3017	536	924
6	KC6QXU	59560	325	563
7	KB7EQW	47699	199	339
8	KN4RI	8004	207	377
9	WA9TPQ	62971	316	565
0	WB0CON	53964	455	803

TOP TEN IN THE WORLD

#1	N2EOC	37549	752	1341
#2	KQ4PK	63201	564	1007
#3	WA5JDU	3017	536	924
#4	KB5UNX	64337	506	914
#5	AE4FZ	65645	463	844
#6	W4WKQ	33299	467	840
#7	WB0CON	53964	455	803
#8	K4HTU	5723	393	722
#9	KC5BKT	64386	393	716
#10	W4PNC	19328	359	666

DX WINNER

US5ZFF	64693	79	84
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CANADA WINNER

VE7ACM	30939	36	71
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PUERTO RICO (CARRIBBEAN)

WP4LNY	64747	36	52
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USE E-MAIL

TO CHANGE YOUR CALL OR ADDRESS
SEND YOUR CHANGES TO:

wa6poz@aol.com

You will receive a reply confirming your message was received.

Attention Mom's and Dad's

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

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

Honor Roll

SCHOLARSHIP FUND VOLUNTEERS

The following Life Members have made contributions to the Scholarship Fund, in addition to those reported in the January 1996 10-10 News:

01121	W6VIF	Wendell S. Chapman
05759	W1RWF	Philip J. Lawrence
25057	NC6V	Dick Corlew
25970	HA9PP	Istvan Szecsi
25974	JF2LEX	Yasuhiko Imanishi
26001	WB1DBZ	Emile Montplaisir
33696	GM0BCI	R. Liedberg
33876	K3TC	Thomas Calomiris
40944	HB9RE	Fritz Zwingli
41531	N6KNX	Chuck Morse
45286	KC1MI	John F. Rhilinger
47478	DH0GAS	Klaus D. Graichen
47752	KA1CRA	Audrey J. Lawrence
49725	OH6SU	Lasse Holtti
51845	WA6TDU	John Burton
54278	OH6QP	Lauri Vayrynen
55336	G4UHE	Norman E. Stevens
62539	WX7M	Patrick A. Mulreany

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

00360	W0AKI	Ken Schlarman
37394	W4PEM	John W. Fike
43190	N5CPE	J. B. Guillaume
44705	KA4PZJ	Weyman E. Greene
45664	N5OBJ	Clifton Fruge, Jr.
49726	WA2DAX	Kane Zu Hone
57028	KC4QGT	Larry Ellis
59468	N2LTN	Roscoe L. Jones
62685	KD4CEE	Grady W. Eaton
62865	WA8ENR	Antonio Briglia
66268	KC5EYQ	Austin L. Swindle
66826	KI7XQ	John M. Hart
66920	KE4OJM	Stephen M. Gouthro
67942	PY2PD	Percival M. Tence

Director Peter Matson, KC1CP #37190, and Patricia Hibb, KH6OE #28842, each made a contribution in memory of John O'Neill, #40403, who became an SK on 14 February 1996. John was very active in 10-10, and was the founder of the former White Mountains Chapter.

You can become a **Scholarship Fund Volunteer** by sending your contribution to: Morrie Goldman W6EHM #4189, Scholarship Manager, 21518 Marjorie Avenue, Torrance, CA 90503-6418. Make your check payable to the 10-10 Scholarship Fund. You will receive a **Certificate of Appreciation for the year 1996** in appreciation of your contribution.

Late News.....

DX COUNTRIES AWARD

K4CIH Tom Henderson, #33233 is now handling the DX Countries Award program. Tom has finally received all the available data and is in the process of entering the data in the computer. Jim Hardy, K4HAV #17605 has written a program for Tom that will keep track of you and the countries you have worked. If you have lost or misplaced your DX Countries award information, a list of countries that you have been given credit for is available from Tom for an S.A.S.E. This will give you an alphabetical listing of the countries we show you have worked. This will also allow for an easy check to see if our records match yours. Any differences can easily be worked out and the data updated as necessary. This is a prime example of how Ten-Ten is trying to bring better and more efficient service to the membership. In the future we hope to expand this type of computerized system to the majority of our awards programs. Much thanks to Jim Hardy for his donation of time and effort at making this possible. Tom's address is: K4CIH - 4901-15th Place E. - Tuscaloosa, AL 35404

Hill Country Gathering

The 8th Annual Hill Country Gathering will be held on May 19, 1996, at the home of Jack Moore, K4NF #50708. Everyone is welcome. For details contact Jack at: 371 Ridge Creek Ln., Bulverde, TX 78163 or call 210/885-2194. On packet at: K4NF@K3WGF.#SAT.TX.USZ.NA

Board Meeting - 1996

The 1996 Board of Directors meeting will be held on Saturday, 8 June 1996, at the Oakbrook Marriott Hotel, Oakbrook, IL, a Chicago suburb. All local 10-10 members and any others who may be in the area the time are encouraged and welcome to attend an open house from 8:00pm to 10:00pm on Saturday evening. Come to meet your 10-10 Officers and Directors in person and hear a first hand report on 10-10 and the Board Meeting. Please RSVP if you plan to attend so that adequate preparations may be made the group size. Send your RSVP to: Jack Miller, W9WYN #6894, 10-10 Director, PO Box 123, Brookfield, IL 60513-0123 or phone to: 708/485-5990.

treasurer's report

Keith Schlottman
KI7RK #63324



STATEMENT OF REVENUES & EXPENSES (CASH BASIS) THIRD QUARTER 1995-1996 1 October 1995 - 31 December 1995

	3RD QTR Y-T-D	
REVENUE		
MEMBERSHIP DUES & FEES	\$13,776	\$41,070
SCHOLARSHIP DONATIONS	2,111	2,871
ROYALTIES & INTEREST	<u>1,735</u>	<u>4,001</u>
TOTAL REVENUE	17,622	47,942
EXPENSES		
POSTAGE & PRINTING(NEWS)	7,005	21,449
OPERATING EXPENSES	6,190	15,867
SCHOLARSHIPS & DONATIONS	0	3,500
ADMINISTRATIVE EXPENSES	<u>489</u>	<u>11,055</u>
TOTAL EXPENSES	<u>13,684</u>	<u>51,871</u>
REVENUES		
OVER (UNDER) EXPENSES	\$ <u>3,938</u>	\$ <u>(3,929)</u>

Ten Ten NewsLine

continued from page 24
sumer products - authority it has never used.

The League called "astounding" that after so many years the Commission continues to focus on the symptom, rather than the cause, of the problem.

The League suggests that the Commission would save itself, its licensees, and innocent consumers of RF-susceptible consumer electronic devices a tremendous amount of difficulty by simply exercising its heretofore latent jurisdiction by requiring notices on the products and requiring manufacturers to provide interference resolution information and a contact representative for RFI resolution, just as computer manufacturers do in case of purchaser difficulty.

.....W5YI Report

An-Ten-Ten-nas

continued from page 9

percentage of the frequency), that these wires tend to act like 3 independent antennas with a common feed. So you can expect to see ups and downs in the SWR pattern rather than one single low point.

The fan and the bow tie are distant relatives to the cage antenna, a series of wires spaced apart along their entire length by special nonconductive spacers. The original theory was that the radiation from each added up, but actually, the only benefit was getting the equivalent of a fat wire from thin ones. You do not have to go that complex route to get a wide-band dipole for 10. The fan and the bow tie will do the job, and they are much easier to rotate the 90 degrees it takes to put a maximum face on the station you want to work.

1996 Winter Phone Contest Sneek Preview

Garry, VE7ACM, of the Feline Friends/Restoration Project Chapter has provided the following **TOP TEN AND TOP FIVE CHAPTERS** scores for the 1996 Winter Phone Contest. Complete scores will appear in the July issue of the *News*.

TOP TEN		
CALL	QSO's	PTS
N2EOC	266	462
N5OKR	170	310
KD4GW	139	226
WA9TPQ	107	206
KC9OZ	100	200
VP2VF	115	198
KQ4PK	109	189
KE9WZ	94	180
KE9VK	70	160
N4ANV	81	151

TOP FIVE CHAPTERS

CHAPTER	LOGS	QSO's	PTS
POSSUM TROT	36	1779	3397
GOLDEN BEAR	23	1198	2070
CITY OF LIGHTS	21	1060	2065
STEEL CITY	16	852	1634
TROTTERS-PACERS	8	523	919

10-10 AWARD INFORMATION

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

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

BAR AWARDS

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

BAR APPLICATIONS 100-900

Bob Peschka, K7QXG #05956 2580 SW 195
Aloha, OR 97006

BAR APPLICATIONS 1000+

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

CERTIFICATE OF AWARD

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

INTERANTIONAL 500 OF THE WORLD

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

VP CERTIFICATE

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

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

LUCKY 13 CERTIFICATE

Bob Peschka, K7QXG #05956 2580 SW 195
Aloha, OR 97006

VP WORKED ALL STATES

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

CONTINENTS AWARD

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

COUNTIES AWARD

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

COUNTRIES AWARD

Tom Henderson, K4CIH #33233 4901 15th Place E.
Tuscaloosa, AL 35404-4522

MOBILE AWARD

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

OM/XYL AWARD

Elaine Nickoloff N8CBE #30409 5383 Atherton Road
Burton, MI 45819-1531

WORKED ALL STATES AWARD

Susan Brackeen, KA1CAD #29600 Route 5 - Box 132-0
Boonville, MS 38829-9805

WORKED ALL STATE CAPITALS

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

WPX (PREFIX) AWARD

Bill Montgomery, KB3GW #33517 PO Box 7183
Las Cruces, NM 88006

ATTENTION MOM AND DAD

Do you have a boy or girl, or perhaps know of a young person, under the age of 15 who has their license and 10-10 number? The *News* would like include them in our series "The Future of Amateur Radio"

Send information, including a picture to the Editor, address on page 2.

10-10 QSO PARTY NEWS 1996 CONTEST SCHEDULE

CW CONTESTS

Spring - 4-5 May 1996
Fall - 26-27 October 1996

SSB CONTESTS

Summer - 3-4 August 1996

For detail 10-10 contest rules and a contest dupe sheet, send a #10 SASE with one first class stamp to: Don Zielinski, K0PVI #9902
Contest Manager, PO Box DX, Genoa, CO 80818-0119

Membership Information and Services

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

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

NEW MEMBERSHIPS

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

AREA MANAGERS

Area 1 District Manager

Al Kaiser, N1API #25468
194 Glen Hills Road
Meriden, CT 06451-3832

Area 2 District Manager

Larry Berger, WA2SUH #407
9 Nancy Blvd.
Merrick, NY 11566-3119

Area 3 District Manager

Chester Gardner, N3GZE #44119
9028 Overhill Drive
Ellicott City, MD 21042-5221

Area 4 District Manager

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

Area 5 District Manager

Grace Dunlap, K5MRU #218
(October-June) PO Box 445
LeFeria, TX 78559-0445
(June-October) PO Box 13
Rand, CO 80473-0013

Area 6 District Manager

Dick Rauscher, W6ANK #1931
4371 Cambria Street
Fremont, CA 94538-1203

Area 7 District Manager

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

Area 8 District Manager

John Hugentober, N8FU #16154
4441 Andreas Avenue
Cincinnati, OH 45211-2622

Area 9 District Manager

Jim Williams, N9HHU #42712
102 Rainbow Court
Creve Coeur, IL 61610

Area 0 District Manager

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

Area DX Manager

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

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

DUES RENEWALS

10-10 dues are \$10.00 per year for members with a USA ZIP code and \$13.00 per year for members with a DX address.

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

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

DX members send dues renewals to:
Carol Hugentober, K8DHK #29588
4441 Andreas Avenue
Cincinnati, OH 45211-2622 USA

FAMILY MEMBERSHIPS

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

LIFE MEMBERSHIP

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

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

ADDRESS CHANGE

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

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

10-10 INFORMATION MANUAL

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

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

SCHOLARSHIP DONATIONS

Donations to the 10-10 Scholarship Fund should be sent to the following address:

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

Make checks payable to: 10-10 Scholarship Fund.

10-10 STAMPS

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

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

AWARD & CERTIFICATE GUIDE

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

Dave McCardell, WD4EWB #18760
10-10 Chapter Coordinator
PO Box 246
Harrison, TN 37341-0246

10-10 ROSTER

The complete 10-10 membership list is available in hard copy or computer disk. The hard copy is printed on both sides of 8-1/2" x 11" paper 3-hole punched. The roster lists 10-10 number and call. SK's are identified. It is issued once each year in January. Cost of the printed roster is \$11.00 US and \$14.00 DX postpaid, and is available only by advance order.

10-10 offers two different Rosters-on-Disk. One, known as XXIQ will search for call if 10-10 number is known and for 10-10 number if call is known. XXIQ is available on either 3.5" (1.44MB) or 5.25" (360K) floppies. It will run on IBM compatible computers. Cost is \$5.00 per quarterly issue or \$17.50 per yearly subscription for US members. DX cost is \$7.00 per quarter or \$25.00 per yearly subscription.

The other 10-10 Roster-on-Disk is known as XXIP and is available only on 3.5" (1.44MB) disks. It is contained on 3 disks and requires DOS 3.3 or later and 16 MB of hard disk. This program will locate 10-10 number, call and will display Name, Address, City, State (or Country), membership status, expiration date, SK status and will print address labels. The price of XXIP is \$10.00 per quarterly release for US members and \$13.00 per release for DX. Order 10-10 Roster-on-Disk from:

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

Be sure to note which program you are ordering and the disk size if ordering XXIQ. Quarterly releases are issued in January, April, July and October.

FCC FORM 610

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

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

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10-10 Membership Information

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

If you know someone who would like to learn more about 10-10 suggest that they send \$1.00, 2 first class stamps and an address label to Mike Elliott, KF0ZQ #54625, 10-10 Information Manager, 9832 W. Gurton Court, Boise, ID 83704-4080

They will receive the 10-10 Information Package which consists of a copy of the latest issue of the *10-10 International News*, along with a copy of the New Member Brochure.

CALENDAR

Spring CW Contest	4-5 May
Dayton Hamvention	17-19 May
Hill Country Gathering	19 May
Summer Phone Contest	3-4 Aug
Fall CW Contest	26-27 Oct

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

Cover Sheet

SPRING CW CONTEST - 0000Z 4 May - 2400Z 5 May 1996

Chapter Assignment: _____

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

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

SEND LOGS TO:

Colorado Centennial Chapter
532 Florence Street
Aurora, CO 80010

Total Contacts

Total Points

Home Area

Logs must be postmarked no later than 30 June 1996

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

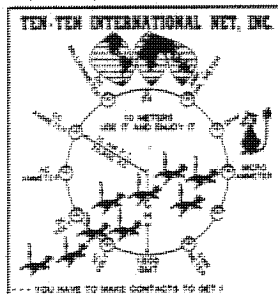
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