

10-10 International

News

Volume 36 Issue 3

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JULY 1998 (Summer)

ATTENTION

Due to an error in printing, the first ballot that you received is void. If you voted and sent it in, then it will be destroyed. You must use the second one (the one with the tear out postcard). We apologize for the inconvenience. We urge each of you to vote. This organization is as good as you want it to be. We have an excellent slate of candidates who are well qualified. So please take the time to vote!

Dayton Diary by N9UKX, John Porzelt

Hello Gang.

Well, finally made it to Dayton and thought I would share my experience. First off rode with Betty and Wally (KE9WZ and KE9VK). We left Chicago about 6:00am on Friday and arrived at the Days Inn motel about 11:30. Saw a few mobiles that only a ham would have outfitted the way I saw them. After we checked in, Wally told me to go stick my QSL card in my room's window. Cool custom they have, each room has the occupants QSL card in the window so as you walk by you know who to bother and who to, well, just plain harass... So, After a quick lunch we hit the hamfest... WOW, talk about a major event, geez, I haven't seen that many people in one area since free cheese day at the local shelter. We walked outside first, and there was isle after isle of "stuff"! I mean REAL stuff, not just the normal stuff... I spotted a few things of interest but the price was too much for me. Betty and I bought a

can cooler for a buck fifty but it came with a free can of cold pop (how can you pass that up?) After a few hours outside we all decided it was too hot and went inside for a while. Wow, it was hotter inside than out! We went to the cafeteria and sat down for a bit. The cafeteria I am told, is the meeting place for ten-teners. We met a few people there but I don't remember who was who. After a quick rest and a libation for Wally, we walked around inside for a spell. Lots of cool stuff inside. Many of the manufacturers were inside. We headed for Yaesu to get all the freebies (hat, map, and logbook...) and of course look at their products (qualifier!). Boy, I was amazed at how many people were wearing those red Yaesu hats! Wally then says, hey, see that guy in the red hat? I answer "ya" and he says "no not him...the other guy"...well, after 3 guys in red hats I caught on and gave up! Ok, after a quick walkthrough we headed back to the motel. When we got back, we started walking around meeting the 1010ers. Boy, it was something to be able to actually meet all the people I have talked to or typed to. I met most of the guys but will never remember all their names. I will remember all their faces! Geez, hahaha, there on the first floor was WA2OIZ and WB1DBZ, now these guys I have worked many times. I always think of them as Laurel and Hardy, they are funny guys (more later!). Next I met Terry and Bob (K2HO and N3NOP), nice guys, nice HT! Now, what's this, some woman heading for us, oh no, must be, yikes, "smack", yep, Pat, KH6OE. Talked with her just 2 or three times as conditions are not good this short. Real nice lady. Can't wait to meet her udder half. I don't know why, but some people you talk with, you just feel "at home" with, Pat and Chuck are that way, as well as Ed, KD1YN who I met. He is "ok" for a massatuchitz guy (cant SAY it and you want me to SPELL it?) Honestly, he is a helluva

(Continued on page 6)

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AWARD MANAGERS..... Listed on page 30
MEMBERSHIP INFORMATION..... Listed on page 31

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DEADLINE FOR NEXT ISSUE
SEPTEMBER 11, 1998

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

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

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

10-10 Chapter activities and reports should be sent to the Chapter Coordinator, Dave Smith, K6RDK #65812, 1349 Vernon Terrace, San Mateo, CA 94402-3331.



Member
AMATEUR RADIO
NEWS SERVICE

10-10 NET CONTROL STATIONS

ALL NETS BEGIN AT 1800Z

Monday (28.380)..... Dick, K6PZE #1341
 Monday (28.800)..... Harold "Scotty" Scott, WA6TQC #71
 Tuesday (28.380)..... Russ, N5EJS #1525
 Tuesday (28.800)..... Don, KB6QLC #42822
 Wednesday (28.380)..... Christine, N7PVL #58018
 Wednesday (28.800)..... Louise, N6ELK #36654
 Thursday (28.380)..... Bill, AA6ZW #62075
 Thursday (28.800)..... Carl, NU6V # 67317
 Friday (28.380)..... Jimmy, AE4NA #66957
 Friday (28.800)..... Sherm, K6PTF #17977
 Saturday (28.380)..... Ed, KC4RIY #58203
 Saturday (28.800)..... Al, W6RNX #92
 Sunday..... "NEVER ON SUNDAY"

President's Message

Tom Henderson
K4CIH #33233

First, let me remind you to please vote if you have not done so. This is very important for the future of 10-10. Select the candidate you feel best qualified for the position and vote. Yes, there was an error in the printing of the ballots, and a name was omitted. This was rectified and new ballots have been sent. Please take the time to re-vote if you received a ballot. There were 1500 that were not sent due to catching the error.

May and June were very busy months for ten-teners. Dayton was, to say the least, an enjoyable trip. Really great to meet with old friends again and establish new friendships. I was able to take a newly qualified ham from my area to Dayton for the first time, and he sure did enjoy the group. His best comment about the 10-10 group was to remark about what a fine group they were. Suffice it to say, my friend Gene fit right in. Now, we need to get him involved in 10 meters, which he assures me he will just as soon as he upgrades his license.

Those of you that plan to attend Dayton next year, please let Marge, WA6ZPX, know that you need reservations. Do not wait until the last minute or you may be out of luck.

The end of May found me at the Hill Country Picnic in Bulverde, Texas at the home of Jack and Barbara Moore. Jack, K5CC, and Barbara have been hosting the picnic for a good number of years, and this was my first time to attend. Be advised that there are some serious 10-10 folks in that part of the country. They all do much to propagate our organization. There were forty-four 10-10 members present along with others making total of fifty-four. The food and comradeship was great and a hearty thanks to Jack and Barbara for the great time. Jack has been chosen to receive the Annual President's Award for his dedication and service to 10-10.

By the time this is published we will have

already attended the board meeting in Houston, Texas on June 12-13. Information and the minutes of the meeting will be in the next issue of the News. I wish to personally thank Mike Davidson, NM5T #24949, and the Houston Shot Chapter for making the arrangements for the board meeting. Their hospitality was to say the least, great.

I have just sent out the certificates for the May CW contest and congratulations to the winner KJ4RV, Charles Ward #37776 of Fayetteville, North Carolina. Charles had 72 contacts and 121 points. The DX winner was DK3KD, Wolfgang Daub # 58990 of Germany. Wolfgang had 71 contacts and 97 points. The winning chapter was the Possum Trot, as usual. Is there no chapter to offer them competition? Thanks to all who participated in the contest.

Now for the 10-10 News - yes, we have had a few problems, and they are on the way to being corrected. As with any other "passing of the guard", there are going to be a few problems until things settle in. Please bear with us as we continue to try to upgrade the News. Changes are in the process to try to bring more pictures and articles of interest. We have changed printers and will soon upgrade the paper used. CU in the next issue and vote if you have not already done so.

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From the Editor's Desk

Well summer is upon us here in the South. Tornado alley has moved to the south and the tropical rains and heat have come along for the ride. Here in Tennessee, we have had rain dumped by the inch and hail stones as large as golf balls. Here at our house, we suffered minor damage from a tornado. My tri-bander is history. My new car was beaten by two hailstorms, and the winds demolished a tree and blew our natural gas meter loose. Talk about scary! However, we survived. Our damage was a small price to pay compared to others in our town.

I am sorry to have missed Dayton, but I was fortunate enough to attend the hill country gathering in Texas. I had a marvelous time. The food was absolutely super and the hospitality was overwhelming. If you ever get the chance, try to attend. It is a trip well worth the time and effort to get there.

The Board of Directors meeting has come and gone. All in all it was a good meeting. A lot was accomplished. I personally want to thank those directors who will be leaving for the jobs that they have done for our organization. It has been my pleasure to be associated with them. Along the same line, I want to thank those people who have supported me in my endeavors in the past. I have enjoyed the camaraderie and the opportunity to work for the betterment of 10-10. Regardless of the outcome of the election, I will always be supportive of 10-10 and do anything in my power to further the cause.

At last, I think my husband and I have ironed out some of the problems we have had in the workings of the News. I do appreciate your patience. I realize that some have been disgruntled. That is only natural. However in my defense, it is hard when you have to learn the workings of the publishing program as you go. It is basically baptism by fire. I thank our President, Tom Henderson, K4CIH # 33233, for his help. We have spent countless hours transmitting back and forth the News via computer as well as many hours talking. I think we have covered all the bases.....trust me. You see, he was learning it too. So have a good summer and 73

W6OI #109 on the Air

Jack Moore, K5CC #50708, was again the designated control operator for W6OI during the entire month of May 1998 and during the 10th annual 10-10 Hill Country Picnic, held at his QTH in Bulverde, Texas:

Louise Chapman, N6ELK #36654, has volunteered to be the 10-10 Net Control Operator for W6OI #109. 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.

QSO PARTY CALENDAR

- ★ Summer (Phone) August 1-2, 1998
- ★ Log postmark deadline - August 17, 1998
- ★ Scoring Chapter - Brooklyn Bridge
- ★ Brooklyn Bridge Chapter
- ★ P.O. Box 080500
- ★ Staten Island, NY 10308
- ★ 10-10 Day Sprint October 10, 1998 (*one day only*)
- ★ Log postmark deadline - October 26, 1998
- ★ Scoring Chapter - TBA
- ★ Fall (CW) October 31 - November 1, 1998
- ★ Log postmark deadline - Nov. 16, 1998
- ★ Scoring Chapter - TBA
- ★ All 10-10 QSO parties begin at 0001 UTC on
- ★ the first listed date and close at 2400 UTC on
- ★ the second listed date. The 10-10 Day sprint
- ★ is, of course, a one day contest.

Chapter Spotlight by Tom Henderson

I thought that I might write about a chapter that I have really enjoying belonging to over the years. So, let's set sail down under to New Zealand. The New Zealand Down Under Chapter was the brain-child of the late George Currie, ZL1ARO # 774. George became a silent key before he could bring his plans to completion. In early 1978 a group of Auckland Ten Tanners decided to revive the idea and away they went. Up to the present, 1407 numbers have been issued and the call still goes out for more. A little about New Zealand as ZL1 is a place with something to suit the taste of all types of people. ZL1 land comprises the northern half of the northern island of New Zealand. Captain James Cook rediscovered New Zealand in 1769. Mariners from the Old World started visiting the country to obtain the tall Kauri tree trunks for masts and spars for their ships. Soon settlers started

Jack Small, ZL1KQ # 23471, sits patiently at his rig waiting on propagation.

coming to the new land and the Hoklanga Harbour (on the west coast) and the Bay of Islands (on the east coast) became the cradle of the modern settlement of Aotearoa, the "Land of the Long White Cloud", as the early Maori settlers called it.

Once you obtain this certificate and start your travels through the upgrade system, some will reflect the areas of New Zealand and the history surrounding the upgrade. As an example, the High Honors award depicts the far north area of Cape Reinga. This is the site from which the Maori people believe that the spirits of the departed ones take off on their last journey to return to their homeland in Hawaii.

Another interesting upgrade is the Ten Squared upgrade which depicts a scene from the world famous thermal region of Rotorua. There is much history associated with this chapter, and if you desire a nice certificate and interesting upgrades, this is for you. The information sheet that will come with your basic certificate includes a journey through the historic and beautiful country of New Zealand. There are seven upgrades to be earned and contacts must be made as your progress through the upgrade work. The key is to make contacts with a Down Under member. The basic award comes after a contact with an IQ or 2 C or HC members. The cost is \$3.00 U.S. Once you apply for the basic award you will receive all the other information concerning the chapter. It is necessary that you include proof of paid up membership in 10-10. The net meets on Friday at 2230Z year round, frequency is 28.530 +/- QRM. The certificate Manager is Jack Small, ZL1KQ. All applications are to be sent to Jack and require the following information for the basic award. Jack asks that you please list the contacts in numerical order of the Down Under number. Include the date of the QSO, callsign, and 10-10 number. Times are not necessary. Do not forget to include proof of paid up dues. One other nice item is that you can earn points by just checking into the net.

**Don't Forget To
Vote**

Dayton Diary

(Continued from page 1)

nice guy. Yes, his son has grown! Heard most 1010ers have watched him grow each year when they bring him to Dayton. No, he didn't ride the trike in the hallway! Played with trucks and experimented with daddy's alarm. Boy, net time! Ok, I go and check in on "someone's" radio. Quite a few people checking in. Huh, what's this, someone comes up behind me and hands me their list. I return the flavor and give him mine. Here comes another one, and another, glad Betty made a bunch of copies for me! I hand out my list with embarrassment as I have only a few chapters compared to these REAL PAPER CHASERS! Wow, Rex, K0NO, nice to meet you too! Huh? Oh, now he is giving me a Westward ho number, cool, new chapter, he musta felt sorry for me! Hey, here is N5DAS, now this guy seems to always be on the radio cuz when ten is open south, I hear him. We talk for a while and I try to figure what this guy is up to. Ah ha! He wants me to join his chapter! Shudda seen it coming, he had his right hand out to shake, and an application in his left hand! (Not reeeely!)

End part 1

Part 2 tomorrow.

Hello Gang.

Well, where was I, oh yeah, its Friday night and the parking lot net just finished.

Well, most of the gang is hanging outside in the courtyard sharing all their stories so I go wandering around meeting everyone. Boy, what a great bunch of people. I see someone that looks familiar up ahead, he has a small crowd gathering, hummm, is it a

Preacher, snake oil salesman, politician, oh no, its just Mr. Tom, K4CIH, our TenTen Pres. I say hello and remind the old geezer that I met him in Oakbrook at a Board meeting. (He didn't need reminding!) We exchange pleasantries and I am off in search of more unknowns... Hey John, Wally calls, as he approaches with a strange fellow, "This is Chuck, Pat's husband"... Oh gee, that was it for the rest of the night. Wally, Chuck and I spent the remainder of the evening sitting outside shooting the breeze. Boy, Chuck is really a

character! These two guys had me in stitches all night. I guess it was around midnight or so when we called it a night.

Bang, Bang, Bang, huh? Oh, its Wally with my wakeup knock, Sheesh, haven't slept this good is a long time. We head out for breakfast before we hit the fest. Yummy biscuits and gravy (not what we called it in the Navy!) Anyway, we are stuffed so off we go to the Hara Arena. Its not as hot this morning so we head right outside and start hitting the

isles. I am looking for some keys (CW, not door) and Betty is looking for a bigger fanny pack (cancel that thought!) As we walk, Betty points out a key here and there, but either

they are gold or they are missing to many parts for me. By now it's about 11 in the A.M. so we go into the cafeteria for a rest. I talk to Rex and he says he saw the "qrp guys" inside somewhere, so I go off looking for them. I find the NorCal and G-QRP club booths and talk with them for a while. My other passion aside from 1010 is QRP. In the contests I do both! Believe me when I say that these guys really know their stuff! Wow, almost 12:00 and the 1010 forum is gonna start soon. I meet up with the gang and we head to Room 1 for the meeting. K4CIH starts it off and gives us the biz, oops, rundown on what's happening with 1010. WA6ZPX tells us about the membership, growth, and a few other things. K17RK, Keith, tells us the financial situation, also mentions that we are in need of a kick to the scholarship pot. K6RDK talks a little about the different chapters of 1010. There are a few more speakers but I forgot their calls and names. Generally we got the rundown on what's going on now, and in the future with 1010. There were a few questions raised and Tom either answered them directly or passed them off to someone who did know. Overall this was a good meeting. I was glad I made it (also glad they let me in!) Its about 1:00 and we do some more shopping, Betty buys her OM a new hat with his call on it, never seen and old man get so excited about a hat before! I run across Tom Perrara, he is a key/bug collector. He had his "museum" outside. Boy did he have some excellent keys and sounders! Can't imagine how the old-timers could send so well with those mechanical monstrosities! As we continue or walk I notice a fragrance coming from the East. As we head for the arena the odor is getting

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Dayton Diary

(Continued from page 6)

the cleaning crew got over excited while servicing the Port-O-Let and a major mishap ensued. After a few "might as well's" and a mobile speaker for Wally, we head back to the motel. There are a few people milling around outside so I go and chat with them. Ivan and Emil are near their door dragging unsuspecting 1010ers into the room to sign them up for Electric City (they got me around 7 o'clock). The net is getting ready to start and Carl, W900 is in his room, STOP, didn't tell ya. Carl has a room on the first floor. The room has more equipment in it than my shack at home does! He brought an ICOM 735 and Amplifier! Of course a power supply, meters, tuner, 2-meter radio, hum, I am sure there is more but I don't remember. He has coax running out the door to his car in the parking lot. There on his car is the strangest looking antenna, well, lets just say it's big. Net time... Carl calls for check in and everyone does. Again I check in from someone's radio. We all give out the usual info. After the net I walk over to Carl's room and see that it is jammed with people. I go and talk with Ed KD1YN and a few others nearby. All the time we are talking I keep seeing people coming and going out of Carl's room. I go over and sneak a peak inside; you wouldn't believe what I saw. Pat, KH6OE, Len VK4QN, and many more are pushing lists back and forth so fast I was expecting to see a few papercuts! This must be where they all catch up on each other's chapters' etc but it looked like a CIA meeting! I mean they were all quiet, pointing here and there, hollering on the radio once in a while, gee, you just had to see it! Someone spotted me so I ran (I don't like being shark bait!) I meet up with Ray (K9KKX) and his son's. We chat for a while when Ray hands me an official Hawaiian shirt! Cool! Guess it's from saying "Aloha" to him all the time! Chuck comes out of his room and starts talking with Tom, I join in, These two guys are both retired military (Navy I think). The stories they were telling me, well, suffice it to say FUNNY! When they found out I was ex Navy, geez, they didn't let up on me till I hollered Uncle! In a daze I wander off into a few more conversations. Well, after a lot more laughs, and a few good-byes I head to bed. In the morning we get up and quickly pack and go. The

ride home is pretty uneventful and my hosts drop me off around 1:00pm all safe and sound.

Dayton, this is an adventure you really must try and make. I plan on going again! I'll tell ya, the best part of this whole deal was meeting all the people at the motel. This "group" we have here in TenTen is really outstanding. Friendly, outgoing people like this just don't grow on trees; it must be something in the water! Thanks again for a wonderful time. I hope to see you all again soon.

Best 72 and 73 de John
N9UKX

Thank you Betty and Wally for everything!



Who owns this jacket?



WB6NYM Phil, #17996 The famous
"New York Mobster"

An-Ten-Ten-nas

by

L.B. Cebik
W4RNL, 41159

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

No. 20: The Rotatable Dipole Revisited

Some years ago, I presented in the pages of *10-10 News* a rotatable dipole made from aluminum rods with a PVC section as the center insulator. I suggested that the antenna might give surprisingly good results if you could not find money or room for a beam, since it allows you to move the broad dipole lobes in the favored direction even with hand turning.

The idea was not new with me, but an adaptation of an Ed Tilton-Lew McCoy antenna I read about many years ago in *QST*. Now WB9OMC has built his own version out of even more basic materials. The idea is worth reviewing every so often to make sure all newcomers are aware of it, so I'll let Duane tell his own story—with a few interlinears.

The WB9OMC Rotatable Dipole

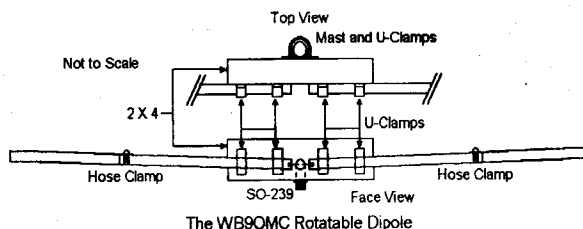
The antenna I used during much of the Summer, 1997, 10-10 Phone contest was something simple suggested by a friend, KB9CF. I home brewed a rotatable dipole of sorts some time back and finally got a chance to really see it perform even though I had no rotor for it.

It's something like this: the center insulator is a 2x4, about 3 to 4 feet long, used with the 4 side vertically. The tubular aluminum elements are mounted on that vertical side of the 2x4 with a slight upward angle, using a pair of u-clamps. (I'll bet a quality fir (not junk wood) 2x2 would also be plenty sturdy for this application.) The 2x4 also

has similar clamps for mast mounting. The feed point is a panel-mount style SO239 whose center conductor runs up inside the 2x4 and out courtesy of two holes drilled at right angles that intersect. Wood screws hold the SO239 in place. By the way, the mast mounts on the OPPOSITE side of the 2x4 from the elements.

There are two sections of tubing for each of the two element sides, and the outer one can be slid in and out to adjust for minimum SWR, then tightened with a worm-screw type clamp. [Please use a stainless steel clamp with a stainless steel screw. Some cheap ones that say stainless do not have stainless screws, and that part rusts.] I did not cut off any of the excess length from the outer segments figuring that the antenna might be useable anywhere from 6 meters through 10 and 12 meters and while I haven't bothered to check the length, maybe even 15 meters.

[Duane does not say exactly what size tub-



ing, but many hardware depots carry 1, 7/8, and 3/4 inch aluminum tubing. Any two adjacent sizes will nest nicely. You might want to use steel wool to deburr the parts that will slide so that a year from now, they will still move freely. With 4 6' lengths—two of each size—you can easily resonate the antenna at 21 MHz and upward through 10 meters. You might use a marker pen to record the proper setting for readjustment.]

The slight upward angle counteracts the tendency for the elements to droop, and when the antenna is up in the air they do seem to lie just about dead even flat. [If you forget to use the upward gradient, do not worry: the slight natural droop (that allows aluminum to flex and spill wind) will not hurt your signal at all.]

Adjustment for SWR was easy and quick, with about a 1.3:1 having been reached on about 15 feet of mast pipe above ground. During the contest I doubled the mast pipes so I was up

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An-Ten-Ten-nas

(Continued from page 8)

about 30 feet and was pleased to have the SWR be virtually 1:1. At the wattage I was putting out (around 10 watts) my MFJ948's reflected power needle didn't even budge. That was an unexpected bonus, and found I was being given good signal reports while using it. Also of some help was probably that I had run the feedline with RG8 instead of 58, so quite possibly a reduced loss level didn't hurt matters any.

[Duane's experience with SWR is very natural, since the feedpoint impedance varies with height somewhat until you get over 1.5 wavelengths up in the air (about 50' on 10 meters). The use of the best coax you can buy is always advisable, even if you are running low power. Coax losses are negligible at 80 meters but significant at 2 meters: 10 meters is a kind of transition area where losses for longer runs start to amount to something. For portable operation, RG-58 is fine; for the home station, I tend to use RG-213, with plans to upgrade to some of the newer versions with a bit less loss and more weather resistant jackets. But do not let the fact that you only have RG-58 keep you off the air--use it and operate!]

I would say that it's not exactly highly directional, acting about like you'd expect a dipole to act in that regard. But for a cheap homebrew made partly of surplus parts, some aluminum tubing and blood-n-guts it seems to work pretty darned well. Aside from working nicely on 10 meters for transmitting, I'd bet that it could make a dandy SWL antenna, too.

[The dipole pattern at 1/2 to 1 wavelength up is a kind of peanut shaped affair with broad lobes two ways and good side rejection. This means you only have to turn the antenna if you are 45 degrees off target or more. This is handy when your only rotator is the strength of your arm.]

It has been my observation that when 10 meters is open, I have had good luck with nearly every antenna I have tried, horizontal or vertical. My goal was to cook up something with a bit of directivity--even if the antenna is bi-directional--and to do so cheaply and easily. Everything in this antenna came from the hardware store or Radio Shack or my space hardware jars. The antenna is not fancy, and the 2x4 adds some weight, but I am pleased with the results. In fact,



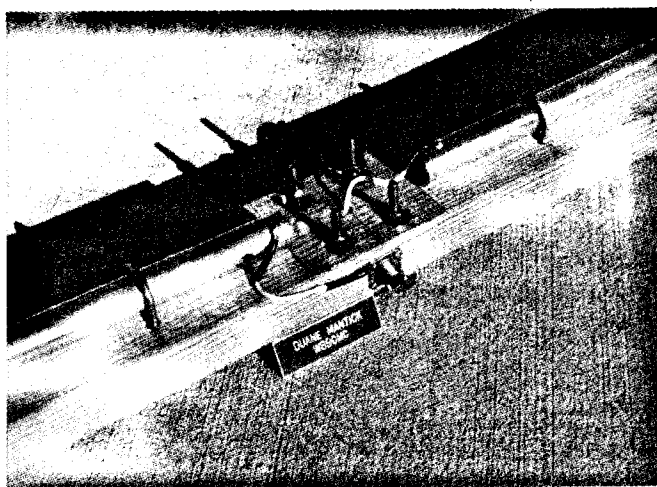
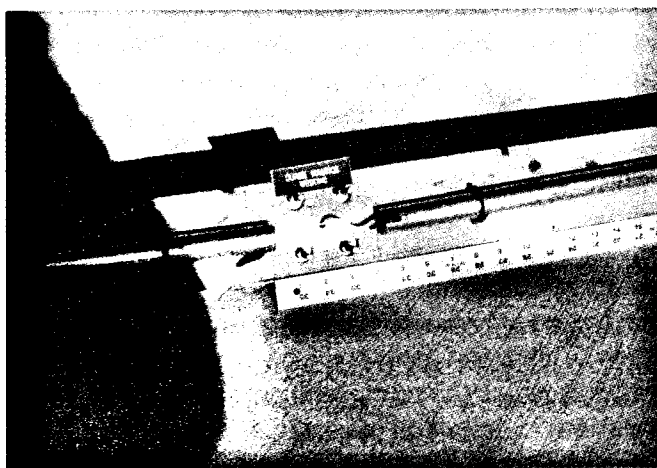
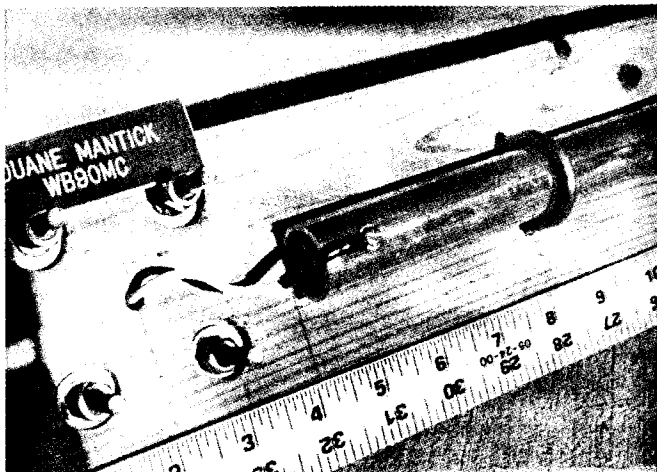
Duane holding his rotatable dipole.

I was surprised by how well it works.

[There are no fancy mathematics to this antenna. Since there is more than enough adjustment range, just start with a length in the ballpark and adjust the sliding elements for minimal SWR. Since precision will be in the adjustment and may vary a bit with local object, terrain, and height, just start with an overall length of 468/f in MHz and work from there. For a center frequency of 28.5 MHz, that is about 16' 5" long. With tubing, this length will be too long, since the formula is for thinner wire elements. Shorten as needed. Something closer to 16' is likely.]

As Duane has shown, the rotatable dipole is easy to build and lends itself to materials you can easily obtain. Do not be afraid of trying variations in the center support and mast connection. At any given height, your signal will be down only by about 1 S unit compared to a 3-element Yagi at the same height. With 10 beginning to open wide, that difference will only make a difference in a pile-up or with early morning very weak backscatter. The rest of the time, you will have more contacts than you can handle.

You will find the photos of the antenna on page 10.



Change of Pace

With the heat of summer upon us, think about the cold winter weather and Christmas. Work this out.

Christmas Carols

1. Move thitherward the entire assembly of those loyal in their beliefs.
2. Listen, the celestial messengers produce harmonious sounds.
3. Nocturnal time span of unbroken quietness.
4. An emotion excited by the acquisition or expectation of good given to the terrestrial sphere.
5. Embellish the interior passageways.
6. Exalted heavenly beings to whom hearkened.
7. Twelve o'clock on a clement night witnessed its arrival
8. The Christmas preceding all others
9. Small municipality in Judea southeast of Jerusalem
10. Diminutive masculine master of skin-covered percussion cylinders
11. Omnipotent supreme being who elicits respite to ecstatic distinguished males
12. Tranquility upon the terrestrial sphere
13. Obese personification fabricated of compressed mounds of minute crystals.
14. Expectation of arrival to populated area by mythical, masculine perennial gift giver
15. Natal celebration devoid of color, rather albino, as a hallucinatory phenomenon for me
16. In awe of the nocturnal time span characterized by religiosity
17. Geographic state of fantasy during the season of Mother Nature's dormancy
18. The first person nominative plural of a triumvirate of far eastern heads of state
19. Tintinnabulation of fascillating pendulums in inverted, metallic resonant cups
20. In a distant location the existence of an improvised unit of newborn children's slumber

Official 10-10 Badge

Order your official 10-10 Badge from the Sign Man of Baton Rouge, Rick Pourciau, NV5A #49338, 10-10's official badge maker. Cost is \$8.50 post paid. Send Rick the following: Call Sign, Name to appear on badge, 10-10 #, City and State. Colors: Green for regular members, Orange for life members and Pink for YL members. Send your order to: Rick Pourciau, NV5A, 879 Castle Kirk Drive, Baton Rouge, LA 70808-6020. Allow 2 weeks for delivery.

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

LEARNING THE CODE THE BEST WAY

By: Martin Reid, N6QU # 28868

Our discussion of the International Morse Code continues, with this, our fourth in a series, dealing with a discussion of the Novice frequencies available to U.S. operators holding Novice and Technician Plus licenses.

Our last discussion highlighted the benefits of learning CW and getting on the air with your new license to increase your code speed - enjoyable. However, U.S. hams were not always allowed the luxury of on the air operation to gain experience and knowledge of the International Morse Code. The amateur Novice license was created in the 1950's for the purpose of allowing new hams to gain experience useful in upgrading. This was the only reason for the Novice license, as evidenced by the fact that the Novice license was good for only one year. So, the Novice had 12 months to gain sufficient confidence to get the code speed up to the required 13 words per minute and upgrade (this was before the era of Gordon West).

Today, the situation is quite different. New Hams have the opportunity to gain experience and actually enjoy themselves, by operating on the Novice bands as Novices and Technician Plus licensees. There is no longer a one year deadline for upgrading from Novice. Novices and Technician Plus licensees have sections of four bands available to them. We'll review these frequencies and discuss a bit about each of them.

But first, a small disclaimer. The following statements about the Novice/Tech Plus bands are, of course, generalizations. These comments reflect present sunspot conditions and the reality of my modest station, consisting of a late model, imported transceiver, and ground mounted vertical antenna. Not one of the great listening posts of the Western Hemisphere, but adequate enough to get any aspiring CW operator off the benches and on to the "dance floor".

80 Meters

Novice/Tech Plus frequencies range from 3675 to 3725 kHz. The 80 meter band is suitable

for contacts ranging from 200 to 300 miles in the day time, and 2000 to 3000 miles at night. During daylight hours, the presence of the "D" layer limits useful communications using the 80 meter band. The "D" layer absorbs RF energy in this frequency band during daylight hours, but at night this changes. After sunset, contacts can be made across the U.S., into Canada, Mexico and the Caribbean. This band is subject to man made and natural interference as well as atmospheric signal fading.

40 Meters

Novice/Tech Plus frequencies range from 7100 to 7150 kHz. A favorite band of the author's, this is also a very popular band among U.S. hams today, due in part to the manageable size of antennas required for 40 meters. 40 has some drawbacks, being subject to sometimes severe QRM from international broadcasting, particularly when sunspot numbers are low, as they are now. However, in spite of all the QRM, quiet spots can be found between these "dueling titans" at night. Small groups of QSO's can be heard up and down the band. In addition, the advanced receiver technology in newer transceivers can help you manage much of this interference.

The 4- meter band is good for contacts both day and night. During daylight hours, contacts are possible up to 700 or 800 miles. The large number of hams living in California provides a good source of potential daytime QSO's for many Radio Amateurs living in the west. At night on 40 meters, communication is possible for many thousands of miles.

With a modest wire antenna and up to one hundred watts, the new ham in the Western U.S. can easily work hams in the Midwest, Eastern Seaboard, Canada, South America and the Caribbean. Conditions are much better during the winter months, but there's lots of activity to be found on 40 meters, 12 months of the year.

15 Meters

Novice/Tech Plus frequencies range from 21.100 to 21.200 kHz. 15 meters is a good daytime and evening band during peak sunspot activity, but under our present conditions approaching the bottom of Cycle 22, 15 offers occasional daytime openings, usually accompanied by much "QSB" or atmospheric fading of signals and few evening openings. However, even under our present difficult conditions, it is possible for the Novice or

TenX DX News

By Mike Davidson
N5MT #24949

On April 1, 1998, a new **10-10** country was created as a result of a DXCC rule change by the ARRL. A small group of islands in the Solomon Islands group called **Temotu Islands**, or the Santa Cruz Islands, became the newest country. There are many islands in this group, but they all count for what will be known as Temotu. Two separate DXpedition groups were on different islands ready for the April 1st begin date. On Pigeon Island was Jim Smith, VK9NS #47404, using the call H40AB with a vertical antenna and all by himself. On Nindo Island was a much larger group with the call H40AA but only one 10-10 member. Tim Tooten **N4GN (ex KJ4VH)** #41856. Jim's signal was very weak due to the vertical antenna, plus he had a power supply problem and could not run the amplifier at times. I had to help him out on his 10-10 number as Jim forgot it. So, I looked it up on the 10-10 database, told him what it was, and he gave it back to me. Jim made 15,760 contacts during his ten day stay. QSL goes to P.O. Box 90, Norfolk Island 2899, Australia.

Tim's group with thirteen operators had three stations on the air with beams, amps, and lots of generator power. They made 67,105 contacts with 23,140 individual call signs, which averages three contacts per person. The pileups had subsided by the tenth day of their two week operation. I found Tim on 28.395 and asked for his number. He had no trouble giving it to me.

The H40AA Temotu QSLs will be handled by OH2BN, Jarmo J. Jaakola, Kiilietie 5C30, Helsinki 00710, Finland. Please use an IRC or a green stamp for return postage with your SASE.

The count of 10-10 countries is now 290!

VQ9 Diego Garcia "Hi Mike, well I worked VQ9AI on April 18 at 14:39 on 28.500. It was a pileup. I was the only one asking him for 10-10,

then Italians and other EU covered him. I heard the name and #15757 but was not sure as QRM was terrible. Hope to hear all you guys soon "GOD BLESS" Arie, **4X6UO #45820.**" (Ed: Sorry Arie but you missed his number and name. I suspect you worked Rick, WA0BNR who has been operating using the call VQ9AI. He was on 28.029 and 28.540 from 1400-1600Z, March 14th.).

VP6 Pitcairn Island This is now "official" during a QSO on 10m with Terry - **VP6TY #68910** on Pitcairn Island, confirmed that VR6s have switched to the VP6 prefix as of May 1, 1998. For those who may not know, the VR prefix was apparently given over to China when Hong Kong was returned (July 1997).

JY Jordan "I will be operating from Amman, Jordan for about the next three years. My Jordanian callsign is **JY9NE** (N3FNE in the U.S. and formerly SV0GE on Crete, Greece). I don't have a regular operating schedule, but I will most likely be on the air Sunday through Thursday after 1400 GMT for about an hour more or less, and any time on Friday and Saturday depending upon my social obligations. As you may remember, I am an avid paper chaser with membership in dozens of chapters. When I have a little free time, I'll contact them and let them know of my call change. I also hope to participate more fully in 10-10's various contests. My current 10 meter rig is a Uniden 2510 mobile running into a Cushcraft R7 vertical and a home made 10 meter dipole, both on the roof of my home. Since I don't have an amplifier, I'm running only about 25 watts at present. However, I do have use of the Royal Jordanian Radio Amateur Society's club station and my use it from time to time." 73 Pete Dillon, **N3FNE #52799**

Guantanamo Bay Cuba by John **#48432 KG4JY** is now operating from this tropical island spot! He arrived about mid May and will be there until Christmas. He said he would be checking in on 28.425 as his time permits. John was using the club station on the base. His home call is **N4JY (ex AB6OM)**.

C6 Bahamas Look for Keith **KI7RK #63324** (Treasurer of 10-10) to operate from Elbow Key, a small island near Grand Abaco Island, at the end of July and early August. He has been issued the callsign C6AKI and expects to operate

(Continued on page 13)

TenX DX News

(Continued from page 12)

as many bands as possible, including 10 meters and will pass out his 10-10 number. The trip is a family reunion, so he won't be operating all the time but plans to operate at least part of the 10-10 Summer QSO Party from there.

EA Canary Islands by Josef #49153 **DJ4BE** who operated from EA8 for two days in March. Joe was hoping RA6AR Tom #25950 would be able to go but Tom did not make the trip. QSL to his home call.

3A Monaco by Luc #58966 **I1YRL** and John **IK1SLP** were expected to be in Monaco in late March or early April, but I never saw confirmation that they made the trip and operated. As this is a rare location, please send me any information, thanks.

5V Togo by Marc # 45813, **F5PCU** (ex **5T5NU**, **5T0RIM**, **TL8MB**), will be on the air as **5V7BM** from April 1997 until the end of 1999. Marc got his number when he was at **5T5NU**, so ask him for it.

Upcoming DXpeditions & New 10-10 Country Activity: **7X Algeria** by **ON4WW** Mark # 49103 (ex **9X4WW**), will stay in Algeria for the next few months. When he gets a license, he will be active mostly on CW and on 10m SSB. If he is allowed to cross the borders, he plans to operate from Western Sahara signing **SO4WW**. QSL via **ON5NT**.

9M8 Eastern Malaysia by Peter **PB0ALB** # 61524 was on again as **9M8CC** near Kuching from April until May22. QSL via home call.

HK0 Malpelo Island On April 4th Pedro **HK3JJH** # 47437 was to activate Malpelo Island (SA-007) for 4 days using the callsign **HK3JJH/HKOM**.

9M8 Eastern Malaysia Phil **VR2CT** (ex **VS6CT**) # 18478 was expected to his the airwaves from Kota Kinabalu using **9M6CT** about March 29.

3B8 and 3B9 Mauritius & Rodriguez Island A report that Laurent **F5MUX** (ex **FB1MUX**) # 42039 was to be active after April 1st from Mauritius and also a brief operation from Rodriguez. He will only use 100 watts to a R7 vertical. QSL via home call.

Mike/AD5A, **Michael/AB5EB**, **Buzz/N5FTR** # 45645 and **Buzz/N5UR** #9466 activated a new IOTA from the Nicaraguan Caribbean Sea Coast. They were on from May 22nd and after 63 hours of operation they had made 6,914 QSOs. QSL via **N5FTR**: **Buzz Loeschman**, 717 Milton, Angleton, TX 77515.

FK New Caledonia **Eric/ FK8GM**, **Franck/ FK8HC**, and **Alain,FK8FI** #61544 will be on the air as **TXK8DX** (TX = French overseas, K= New Caledonia) during the WPX Contest on March 28/29. QSL via **WB2RAJ**. **KH4 - Midway Island** - **Ted NH4/NH6YK** # 64953, was announced for March 18-29. **VP5 - Turks & Caicos Islands** - **Don, KN4UG** #59764, planned to stay on Providenciales Island (NA-002) from 16-24 March. QSL to **Don Namm**, 103 Birkhaven Dr., Cary, NC 27511. **KH2/AH2 Guam Island**, Guam Contest Club Operator **JG3RPL/N1BJ**, **Toshi** #39995 used the call sign **AH2R**. Guam has an IOTA of OC-26. **KH4 Midway** - The operator is **Hans N9KX/DK9KX** #21879. He is running an IC 706 and a R7000 vertical. Nice signal into EU with 100W. QSL via **DK9KX**, **Hans Walter Hannappel**, Eschensbruchstr. 1, D-51069, Koeln, Germany. **P4 - Aruba** - **Martin, VE3MR** # 40238, was on the air as **P49M** from IOTA SA-036 about April 22. Qsl via **VE3MR**. **YJ - Vanuatu** - **Tada, JA1WPX** # 31865, was active as **YJ0AWP** on 10-80m between 28 April and 5 May. QSL via **JA1WPX**. **U.S.A.** - **Tony/WF1N** # 33959 and **Lou/W1DIG** # 40472 (ex **KA1DIG**) will be on Pot Island (NA-136, Thimble Island Group) 15-17 May. **3D2 - Fiji** **Wolf, DL2SCQ** # 62241, and his wife **Ann, DL1SCQ** # 62240 will be active respectively as **3D2WD** and **3D2DA** during their August-September trip to **Mamanuca (OC-121)** and **Yasawa (OC-156)** Islands. QSL via **DL6DK** # 39944 **Peter Voits**, Uhlandstr.28, D-59192 Bergkamen, Germany. **V31 - Belize** - **Stan W5JYK**, **Wondy K5KR** # 38015 as **V31KR** and **Mike W5ZPA** # 17249 as **V31MP** will be active from 26-30 August. They will operate from **Ambergris Caye (IOTA NA-73)**. **Europe** - A team of operators with **Jose CT1EEB** # 58967, will be active 24-27 July from **Pessegueiro Island (EU-167)**.

Propagation: Solar flux will range from 95-145 during the third quarter of 1998. On 2 June, the

10-10 IOTA: H75, Isla De Venado (Nicaragua)

(Continued on page 19)

Chapter Coordinators Column

Dave Smith, K6RDK #65812

Applications pending: None

New Affiliated: Westward Ho, Council Bluffs, IA

Reports due this quarter: Arlington (VA), Bluebonnet, Brooklyn Bridge, City of Roses, Cypress, Eagle Watch/Wildflower, Golden Bear, Houston SHOT, Keystone & Keystone Stars, Loose Nut Net, Pirates of the Mississippi, Santa Fe Trail

Reports past due: 59/62, Battleroad, Branding Iron I & II, Crater Lake, Lindbergh, Republic of Texas, Twin Tiers/Chenango Canal, Samuel Clemens, Stark County Mutual Aid

In Extremis: Blackhawk Valley, Lancastrian, Pendlewitch, Laurel Mancunium

Reminder - To remain affiliated with 10-10 International, all chapters must file a chapter report at least once a year. This information is used to update 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. If the name of your chapter appears above, please advise the Chapter Coordinator if there has been a change in the status of the chapter.

Newly Affiliated: Westward Ho is a newly affiliated chapter out of Council Bluffs, IA. They held their first net on 5 April on 28.440 at 2359UTC. The CH is Russ Holford, KB0FMM, and the CM is Rex Holford, K0NO, 916 McKenzie Avenue, Council Bluffs, IA 51503. For basic certificate work one SQ or one CL and four others. Certificates are \$1.00 plus 2 FCS.

Chapter News:

Air Capital will no longer accept upgrades via e-mail. Any further upgrades must be done by

snail mail.

The Bay Area Chapter has a new Chapter Head, Jim Jensen, W6KVA, 1342 Rosewood Avenue, San Carlos, CA 94070.

The Brooklyn Bridge chapter does **NOT** accept upgrades via e-mail. The certificate manager, N2EZL will advise if this changes in the future, and it will be published at the Website.

Ft. McHenry, Cornerstone - Specials: Monthly Cornerstone Francis Scott Key (FSK) 10 points 1-30 July collect Ft. McHenry Constellation (WAS) award numbers for 1 Ft. McHenry point each. Collect Cornerstone Star Fort (WAS) numbers for 5 Cornerstone points each. Upgrades must be postmarked no later than 31 August 1998.

Old Dominion - Luke, AD4MG has assumed the duties of Cm and is in the process of getting caught up with the requests. If you have sent in an upgrade you may wish to e-mail (ad4mg@juno.com) or snail mail a note. If you have requested a certificate and have not received it, contact Luke to work out getting you one.

Red River (Steamboat) - Net change, Red River will now conduct their net Thursdays at 5:55PM local time (CDT) on 28.585 (that's 2255 GMT).

Route 66 - As of 20 April 1998, there are three more collectible seals.

Main Street of America - 50 contacts + 100 Chicago Seals (+50 points for you) must send proof of contacts

Mother Road - 100 contacts + 100 St. Louis Seals (+100 points for you) must send proof of contacts

Route 66 - 200 contacts + 100 Springfield Seals (+200 points for you) must send proof of contacts

Main Street of America seals collectible at 10 points each, Mother Road seals collectible at 15 points each, and Route 66 seals collectible at 25 points each.

List of Chapters that accept E-mail Upgrades (current as of 1 May 1998)

All of the listed chapters generally need previous, new and total points and seals claimed. Any transaction with the CM which requires that a certificate be issued, and most worksheet spe-

(Continued on page 15)

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olar flux was 105 the A index 6 and K index 2. Now that Cycle 23 is beginning to roll along, the flux has started its long climb upwards. Looks like we had a 7 month lag in the higher flux levels as compared to the last two Cycles! As you can see from my prediction of flux range, there will be a fifty point swing in the flux numbers during the next three months as new spots appear on the sun, and we continue to move into the first phase of Cycle 23. This first phase will last for 2 years. For stations in the Eastern U.S., expect a 50% chance of DX propagation to the East-West path into Europe or Africa. For stations in the Western U.S., expect 20% chance of DX into Europe. All of the U.S. will get a 30% chance into Central & South America. Sporadic E Layer conditions will diminish during the Summer as F Layer skip begins to return. Remember the beacons (28.175-28.300) will tell you what is open, especially 28.200.

New DX member this Winter:

V51SG	69215
DJ8VW	69216
VE4ALN	69217
DL4MDF	69218
DL9LR	69219
DH7ML	69220
ZL2REX	69221
ZR1MM	69223
LU6CAC	69224
CT1EEN	69600
VK2FHN	69601
VK2NEC	69602
ZS5BBO	69603
DJ2DP	69604
DF4WQ	69605
DF7PM	69606
VK6FDS	69607
FM5DN	69608
VK2XH	69609
DF3TE/ZP2EHA	69610
73, Carol, K8DHK # 29588	

Thanks To: The On-line DX Reflector, QRZ-DX, 425 DX News, DX News Letter and Ohio/Penn DX Bulletins. Send photos to Mike Davidson, 3518 Bellefontaine, Houston, TX 77025, U.S.A.

E-mail: N5MT@aol.com

Remember, DX IS!

Good DX & 73.....Mike Davidson, N5MT # 24949

A Mode Called CW cont'd

(continued from page 11)

or Technician Plus operator to work stations from a variety of U.S. or foreign QTh's on 15 meters. So, with persistence and effort, even under "difficult conditions", good contacts can be made and QSL's exchanged.

However, don't be concerned about getting on and operating now, during a period of low sunspot activity and less than ideal conditions will allow you to take full advantage of the good band conditions ahead.

10 Meters

Ten meters is a good band for Novice/Technician Plus operators to practice CW and learn what sideband operation is like. Novice and Technician Plus operators have 10 meter "phone" privileges extending from 28.300 to 28.500 kHz.

For CW and phone operators, 10 meters is a favorite of many hams around the world. Six meters has been called "the magic band", but to me, the name fits 10 meters to a tee. World wide communications are possible with only a few watts and a very modest antenna on Ten. Signals are so strong, stations on the other side of the world sound as though they are in your neighborhood.

With good sunspot conditions, 10 meters is an excellent band for long distance communication from daylight hours into the early evening. During minimum sunspot activity, openings are less frequent, but do occur. 10 meters is also affected by "sporadic E" openings, providing excellent day time summer activity for young novices or Technician Plus's.

In our next article, we'll expose a dirty secret, little known among the ranks of new U.S. Novice and Technician Plus operators. Yes, Next time the embarrassing and painful truth about new hams and how they become unwitting prey on "The Novice Bands Exposed". Stay tuned.

10 Meter Beacons

If 10 meters is such a fun band, yet is subject to periods of poor propagation with openings occurring on a somewhat unpredictable basis, you might be wondering how so many hams with telepathic powers manage to get together just when those openings occur. Well, wonder no

(Continued on page 23)

SCHOLARSHIP FUND NEWS

Honor Roll

SCHOLARSHIP FUND VOLUNTEERS

On 28 March 1998, a letter was received from Khalil D. Godfrey, WA7SHW #15397, who writes,

"As you know and almost everyone else knows, IAU has gone QRT. The members of IAU who had money in dues decided that IAU give this money to the 10-10 Scholarship Fund. I request that you mention that this donation is from IAU members and it be put toward the amount needed to fund the 10-10 scholarships. We know that this money will be put to good use in helping some up and coming young amateurs.

73's and the best,

(Signed) Khalil D. Godfrey, WA7SHW
President, IAU"

It gives me great pleasure to announce that each member of IAU who participated in this most generous contribution has become a 10-10 Scholarship Fund Volunteer.

The following 10-10 members became Scholarship Fund Volunteers during the months of February, March and April 1998 by making contributions with their dues renewals. We encourage all our members to follow their fine example.

1508	W4YPY	William O. Jenkins
20767	N8UU	Russell H. Beutler
34049	WB8FAA	J. Walter Chadwick
48445	WB4CLG	Fay P. Wilson
56469	WD6CRG	James G. Hall
56705	KG7LS	William H. North
58551	N3DQW	Raymond Godfrey
60193	KA1TZR	Donald G. Hudson
60934	N6TQD	F. George Tower
61449	N9NUZ	Roy A. Shaver
61762	AA2MU	Hedy S. Clothier
62376	K0YFJ	Rodney A. Williams
62546	KJ7ES	Stephen M. Jones
63253	KD4HCG	Paul Gianferrara
63842	N0SOT	Benjamin E. Allen
64151	KD6RMA	John F. Flower
64642	HP2CTM	Ricardo A. Lee
64643	JR6XXI	Yoshio Nakahara
64780	KC4VNF	Ken MacDonald
65315	KB9GVY	Robert Bonaguidi
66423	N9UKX	John R. Porzelt

66791	KB2FEQ	Joseph H. Cardin
66931	AA4JJ	Ted A. Robinson
67434	W9AD	Arthur D. Code
67791	KE4YXC	William Lairsey, Jr.
67955	KJ7WK	Steve Gurley
68609	W9FSE	Arthur D. Weren
68610	W9ULA	John H. Hughes
68889	KE3TE	Steven D. Wachter

The following 10-10 members became Scholarship Fund Volunteers in November and December, 1997, and January 1998 with their dues renewals. They were inadvertently omitted from the April 1998 *10-10 International News*.

37755	KB4BAD	James S. Foster
40716	W4PNV	Don Chapman
42258	NL7KN	Dianne Hammer
44421	NT9X	Arthur A. Bonnee
45627	N5CLX	Elmer J. Nolte
47313	N4PMA	Earl L. Stroud
48017	WW3E	Robert W. Baker
48300	N2ISE	David Uchetel
49091	KA4NWI	Marilyn M. Rowlett
49310	N5MWN	John A. Iorio
52646	K7UD	Donald D. Hester III
55786	K3VRS	Edward A. Lind
55792	WA3ZBN	Gerrie Loudon
55917	N9JCD	George H. Laucius
58921	IK5EEE	Vasco Bagagli
62018	WZ3P	William T. Kane
62461	N1JRX	Chester F. Brzozowski
62536	N7WAV	Jerry W. Carscadden
63297	KD4QGJ	Frederick J. Smith
63758	KB7OUU	Elliot C. Boyd
65110	KE4EQW	Tommy Melton
65111	KE4EQI	Lillie R. Melton
65338	KA9YAW	Wesley A. Michael
65857	KG6CDH	Jose D. Rivera
66228	W5TXV	Kenton E. Marshall
67320	W6WTJ	Robert Szentimrey
67323	AC6XQ	Eugene E. Luhdorff, Jr.
67596	W5BXX	David S. Topp
67799	KB4OGM	Chris T. Vincent
68309	N0VVH	Ronald E. McAfee
68574	WB8ZER	Bernard H. Mays
68709	KK5PM	Ralph H. Didlake
68840	KB8SQZ	Lawrence G. Belloli

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 1998* in appreciation of your contribution.

10-10 - SILENT KEYS

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

01006	W5SNM	Ernie F. Miller	Ardmore, OK
01504	K9KKU	Vincent J. White	Merton, WI
01931	W6ANK	Richard F. Rauscher	Fremont, CA
02343	WQOH	Jack C. Wells, Jr.	Colorado Springs, CO
02793	K9VWM	Preston H. Kidd	Springfield, IL
02898	W8GMI	Leland G. Smith	Medina, OH
03205	W10JA	Robert C. Harvey	South Hadley, MA
03562	W9JRK	Averell M. Brown	Indianapolis, IN
04631	K6YYV	Samuel E. Burdette	Oceanside, CA
04638	W6IMK	Walthew T. Barnes	San Gabriel, CA
04660	K4IEP	J. C. Jordan, Jr.	Winston Salem, NC
05556	W4BIM	Dale D. Meyers	PENSACOLA, FL
05689	W4ZG	Worth Gruelle	Rockledge, FL
06184	KN4XY	Ernest R. Champagne	Ellerton, FL
06819	W6ANX	Theron M. Woods	Auburn, CA
09994	K4HHH	Melvyn Nussbacker	New Port Richey, FL
10670	W9HOT	Adrian Z. Hodson	Greenville, IL
11086	WB4HWW	Ernest E. Parker	Columbia, TN
12404	K4RF	Eric A. Roberts	Vero Beach, FL
12448	N4FSF	Richard W. Stasik	Ocala, FL
13074	WA6BRV	Kenneth (Bud) M. Estes	Eureka, CA
13115	W3AE	Charles H. Groff	Silver Springs, MD
13271	K4TJK	Henry Hedden	Clinton, TN
13816	W1UUM	Earle G. Phillips	Bass River, MI
13877	WA6DXP	J. Quirantes	San Jose, CA
13913	W6DU	Eric B. Edberg	Los Altos, CA
14296	K0KWU	Keith D. Owen	Fort Madison, IA
15453	K4HXZ	John F. Wyman	Cedar Mountain, NC
15801	KD6WD	W. F. MacLaughlin	Huntingdon Beach, CA
15937	K0MNA	William M. Downs	Wichita, KS
17243	WB5LWJ	W. Howard Jacobs	Melbourne, AR
17913	W1NLE	Robert A. Adolphson	Springfield, MA
18390	FK8GA	George Andrea	Noume, New Caledonia
20753	WD8DGH	George W. Rowe	N. Fort Myers, FL
21019	K4VIA	Earle D. Gillian	Greenwood, SC
23051	WA4ONQ	Julian Frank Kaufman	Brunswick, GA
24902	N5BBO	Fred W. Mayberry, Jr.	San Antonio, TX
25309	WD8IPJ	Don Gullett	Clearwater, FL
30482	W8LRM	Albert K. Rea	St. Joseph, MI
31464	NS7R	Paul V. McDonald	Lyman, WY
31662	KI7W	Albert A. Jaussaud	Cody, WY
31727	WA2PJX	Roger Nunn	Succasunna, NJ
31761	N4RAB	Lynda Ames	New Market, VA
31928	WD8LFM	William K. MacNealey	Columbus, OH
31935	W8UFI	Henry W. Reinhold	Mesa, AZ
32031	WB4PGQ	Clair W. Chellberg	Shalimar, FL
33322	WB2JFL	Milton Salisbury	Bergen, NY
34429	VA3HN	Henry H. Rugg	St. Catherines, ONT
34737	W6CBC	Dellver S. Seastrom	Sacramento, CA
34940	KA0MTX	Ralph J. Streamer	Colorado Springs, CO

CO	W9KGE	Marvin G. Baker	Indianapolis, IN
35143	KU1D	Harry C. McDade	Littleton, NH
35378	KD3NI	James L. Cothran	Paoli, PA
36281	W5VWK	Bernard P. McMahon	Ocean Springs, MS
37203	W5RUT	James O. Conde	Biloxi, MS
37273	K3BLD	Elwood D. Sipe	Hershey, PA
37490	K1SCN	Salvatore Spino	Waterbury, CT
38619	K7IKR	Francis Longo	Santa Maria, CA
39620	K8ANA	Marvin D. Denison	Strasburg, OH
40360	KX1I	Francis L. Weaver	Rockland, ME
40417	N1DOY	John J. Pearce	Rockland ME
40420	KA4WYH	Wes Ellison	Holly Hill, FL
41135	N9DYN	James N. Tobey	Rochester, IN
41298	N0EMG	Jess A. Oden	Wichita, KS
42639	W9ACU	Francis Walton	Browning, IL
43375	K0QYP	Leroy F. Siewert	Chaska, MN
43460	KE8RV	Wanda Cutlip	London, OH
44035	W8MOF	Howard K. Harder	Oceanside, CA
44074	K9YSM	Donald B. Lama	Hayward, WI
45551	KA0DAO	Lowell E. Sather	Minneapolis, MN
46024	WA1ATX	Alfred J. Staples	Belfast, ME
46617	KY3D	Richard W. Blasco	Erie, PA
46932	AA1DG	Roger A. Blaisdell	Sagamore Beach, MA
50764	K7KCX	E. Richard Dietsch	Redmond, WA
50886	W3NVS	Fred C. Weslager	Pittsburgh, PA
53442	N0MFJ	Emil J. VanSickle	Junction City, KS
53953	W2TQG	Albert H. Dorenbos	Whitesboro, NY
54543	KB9DHS	Donald F. Range	Plymouth, IL
54910	WB8NNI	Archie Keyes	Portage, MI
55487	WB4TQH	John H. Fornash	Lake Worth, FL
56099	WT0N	Bernard J. Arts	Hibbing, MN
56134	KB9DYB	Francis M. Fierce	Sister Bay, WI
57327	K8MPD	Donald E. Hill	Ironton, OH
57736	N2LGA	Wes Park	Freehold, NJ
58186	N7SRX	Bruce Hoveland	Big Fork, MT
59958	WA6RFJ	Magnus K. Pladson	Ridgecrest, CA
60980	WA2ORG	William P. Molnar	York, PA
61721	WZ3P	William T. Kane	Carlsbad, CA
62018	W2LTB	Patrick T. McDonnell	Conway, SC
64264	KC4RKJ	Robert A. Matthew	Kingman, AZ
64730	W9AXM	Alvin A. Miller	Wilkinson, IN
65342	VE4RON	Ronald Larson	Vogar, NB
66078	WB0JLP	Charles T. Storm	Byers, CO
68365			

A new personalized 10-10 coffee mug is now available for member purchase. This new plastic mug has the 10-10 logo on one side and is personalized with your call, name, 10-10 number and city and state on the other side. The cup has black printing on a white background. The price of the new official 10-10 coffee mug is \$8.50 to Rick Pourciau, NV5A # 49338 at 879 Castle Kirk Drive, Baton Rouge, LA 70808-6020. Be sure to include your name, call, 10-10 number, city and state. Allow a minimum of two weeks for delivery.

Hear Ye-Hear Ye-Hear Ye

The annual Reno Bash will take place August 14-17 at the Circus Circus. There will be a big dinner on Friday night and a net on Saturday at noon (local time) on 28.485. You may make reservations at Circus Circus by calling 1-800-648-5010.

Be advised that we have a new Information Manager. Jeff Ritter, N5VAV has been appointed to fill the position vacated by Mike Elliott, KF7ZQ. In this position, Jeff will be handling the distribution of all 10-10 related materials. His address can be found on page 2 of this issue. We give thanks to Mike on the excellent job that he did in this position.

Along the same line, we have a new WAC (Worked All Continents) Award Manager. Tom Henderson, K4CIH has taken this position over until a permanent replacement is found. All new applications for this award may be sent to Tom. His address can also be found on page 2 of this issue.

This is just in from KC4SDU, Benny, the CM of the Eagle Watch Chapters.

1997/98 "Endangered Species" Results

"I would like to thank all who took part in the special from December 1997 through February 1998. Some 71 applications out of 100 special stations were received. Even though band conditions were not too good, fun was had by all who did take part."

Top Five Finishers

1. KH6OE - 76 ctx.
2. K0JPW - 75 ctx.
3. WB4FBS - 67 ctx.
4. KB7ARN - 65 ctx.
W9OO - 65 ctx.
5. N0SYU - 63 ctx.

By the time this is published Pat, KH6OE, will have received her Franklin Mint plate. Please be advised that the 98/99 promotion will incorporate these special "Endangered Species" numbers. Work sheet will be available SASE or e-mail if you can receive attachments. It is best if you

have Juno to send a SASE to KC4SDU, 507 Cobra Street, Boaz, AL 35957.

This in from DL2EEC # 69203 - From 9 July to 13 July I will be on LA/DL2EEC from Lofot Island and Vestevallen (Norway). The call frequency will be 28.475.



Esther KB6HW #23331 trying to buy N5MT #24949 Mike's Laptop?



Representing Michigan is Dick Bass KA8RWL #41377



Hugh WA4QZU #23166 and Pete KC1CP #37190 look to be in deep conference

TEN - TEN INTERNATIONAL NET, INC.

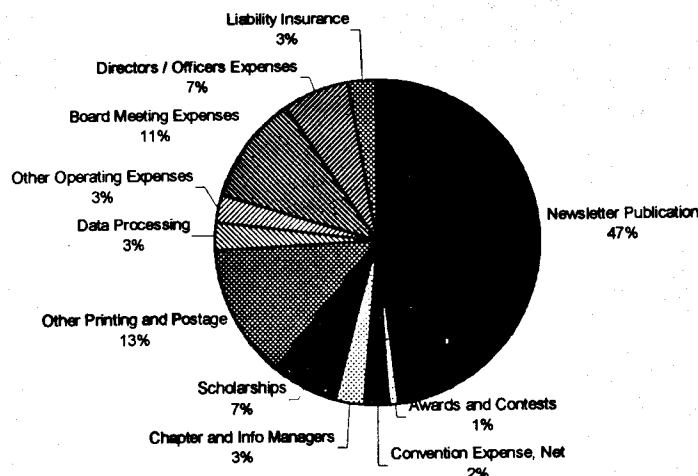
STATEMENT OF ACTIVITIES

FOR THE YEAR ENDED MARCH 31, 1998

Submitted by the Treasurer – Keith Schlottman, KI7RK, #63324

	<u>Unrestricted</u>	<u>Temporarily Restricted</u>	<u>Total</u>
REVENUES AND CONTRIBUTIONS:			
Membership Dues	\$ 59,111	\$ -	\$ 59,111
Award Fees	372	-	372
Miscellaneous - Guides, Rosters, etc.	2,913	-	2,913
Royalties	261	-	261
Promotional Items	288	-	288
Interest	12,920	-	12,920
Scholarship Contributions	-	2,527	2,527
Total Revenues and contributions	<u>75,865</u>	<u>2,527</u>	<u>78,392</u>
EXPENDITURES:			
Programs and Member Services:			
Newsletter Publication	28,792	-	28,792
Awards and Contests	525	-	525
Convention Expense, Net	1,491	-	1,491
Chapter and Info Managers	1,545	-	1,545
Scholarships	-	4,000	4,000
Other Printing and Postage	8,043	-	8,043
Data Processing	1,644	-	1,644
Other Operating Expenses	1,719	-	1,719
Total Programs / Member Services	<u>43,759</u>	<u>4,000</u>	<u>47,759</u>
Administration:			
Board Meeting Expenses	6,402	-	6,402
Directors / Officers Expenses	4,025	-	4,025
Liability Insurance	1,687	-	1,687
Total Administration	<u>12,114</u>	<u>-</u>	<u>12,114</u>
Total Expenditures	<u>55,873</u>	<u>4,000</u>	<u>59,873</u>
Transfer of funds for scholarships	(1,473)	1,473	-
Change in Net Assets	<u>18,519</u>	<u>-</u>	<u>18,519</u>

WHERE IT GOES



10-10 Reflections

By
Morrie Goldman
W6EHM #4189
10-10 Historian

Here are some highlights of the Summer Quarterly Bulletin (now the 10-10 International News) as reported by then-Editor Chuck Albrecht, WA0YNQ (now N0CKW), #8105.

The cover page featured Dick, W7ZR #10925, winner of the 1978 Winter QSO Party. Dick scored 2497 points with 1391 QSO's during the contest period (1391/2497). Here's a comparison of the top three winning individual and chapter scores in the Winter QSO Parties of 1978 versus 1998:

1978	1998
1. 1391/2497 W7ZR #10925	1. 349/917 LU3CT #68907
2. 1313/2334 VE7CMN #18299	2. 213/577 LU1BJW #39329
3. 1035/1793 K7CZ #11190	3. 115/296 LU5HE #10334
1. Bay Area 21479 points	1. Possum Trot 4085 points
2. Nutmeg 21459 points	2. Steel City 1954 points
3. Colorado 20851 points	3. Battle Road 1558 points

Here are some "Words From the President" George Elliott (SK), W6ENC #1774, which were extracted from the Summer 1978 Bulletin:

"The number one subject 10-10 must face is the resignation of Grace Dunlap, K5MRU #218, who has been the Contest Manager for the past seven years.

There have been a lot of requests for a CW Contest. There will be a CW-only Contest starting at 0000 22 July 1978 and ending at 2400 23 July 1978. Dan Rubin, WA1ZXB will run the Contest, and do this once a year.

The San Diego County Amateur Radio Council is sponsoring the September 1978 ARRL National Convention. The 10-10 Net will have a booth and conduct a forum. The 10-10 Radio Station W6OI/6 will be on the air from the convention.

The New Zealand and Australia membership is growing by leaps and bounds. The membership in Germany is also on the increase. The DX membership showed a significant increase after the last QSO party.

(Signed) Geo. E. Elliott, W6ENC #1774
President, '73-'88"

And that's the way it was in the good old summertime of 1978, when we were favored with Cycle 22 sunspot activity.

The Future of Amateur Radio

Matt Trombley was born 7 January 1986, and is 12 years old and in the sixth grade. On 18 October 1997 at the annual Pacificon Hamvention in Concord, CA, Matt took his first test and passed elements 1A and 2 for a Novice License. He was then personally congratulated by the ARRL Pacific Division Director, Brad Wyatt, K6WR. Matt received his call KF6OBR (old broken radios) on 22 October 1997. On 25 November Matt upgraded to Technician Plus and started working immediately for his 10 contacts so he could apply for his own 10-10 number. He was granted 10-10 # 69443.

In July 1997, as a reward for receiving straight "A's" on his report card, Matt spent one week at NASA Space Camp, Moffett Field Naval Air Station in Mountain View, CA. While there he served as Ground Control Officer in the ground crew and as Pilot in the Space Shuttle Simulator as a part of the flight crew. He aspires to become an astronaut.

At school Matt is learning to play the trumpet. He has also been presented with the "Young Author's Award" by the Mt. Diablo Unified School District. In addition to these accomplishments, Matt is a black belt candidate in tae-kwon-do and works out two nights per week. When he can crowd it into his busy schedule, he enjoys camping and fishing with his grandfather. However, he doesn't want any girls present.

Besides 10-10 membership, Matt is a member of the Mt. Diablo ARC, Yuba/Sutter ARC, Delta ARC and the ARRL. As proud grandparents Don and Judy Coons (KF6CTJ and KF6FGD) hope that they are around long enough to see Matt become the first man on Mars. They hope to be his first 10-10 Mars contacts.

We wish Matt the best of luck and much success in the future.

STAY ACTIVE IN 10-10
CHECK YOUR ADDRESS LABEL ON PAGE 32
FOR YOUR DUES EXPIRATION DATE

New Life Members

It is with pride that we honor the following members who have become the latest *Life Members* of Ten-Ten

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

08237	WA6YOO	Harry A Hodges
19702	WB6TFX	John G Dolson
25294	KE2QY	Robert P Farrell Jr
29730	N4EWG	Kelly K Kanode
30230	VK3PJB	Peter Broughan
31115	KE4DCM	Orlyn W Fowler
33483	KD4XC	William E Thornton
36062	KU6Y	Albert W Anderson Jr
52399	NQ3W	George A Gadbois Sr
55208	K0KKH	Donald W Boehm
59805	N8OQC	Andrew F Eisenman
63398	K5YKD	Earnest G Wolf
65296	KE6DZH	Lawrence H Wilson
65594	K2HO	Terrence L Fulton
65722	KB7SJO	Ronald D Gordon
66790	N2WIE	Tony P Lisnak III
67334	K6UD	Lewis E Tuttle
67621	WA8ETY	Sharon M Hughes
67851	N5UIG	John D Miller
69484	WD9CRL	Robert C Beltrone



Mike Elliott, KF7ZQ # 54625, Director and Chairman of the Communications Committee and former Information Manager.

10-10 AWARDS

AWARDS ISSUED THROUGH 30 June 1998

TOP TEN HONOR ROLL

Allen Mattis
N5AFV, #27571

CALL	10-10 #	CONT
WA5JDU	3017	23,800
W0RWC	518	19,400
WB1DBZ	26001	19,000
PJ2WG	27999	17,000
W4WKQ	33299	16,700
K5MRU	218	16,500
WB7NUU	17416	11,900
WA9LIC	1599	11,600
K0PV	9902	11,500
N5CUQ	40	11,400

500 BAR AWARDS

Dan Morris
KZ3T, # 41015

VP #	CALL	10-10- #
2956	N1MEZ	67180
2957	AC6TB	67345
2958	AC6PX	65823
2959	K6VDP	19690
2960	KE4KFQ	68213
2961	K7FD	13363
2962	N7SG	68471
2963	KF4CKB	68517
2964	N2TDT	64232
2965	AA0MZ	65232
2966	KJ7WK	67955
* 2954	W6WVK	8807

(correction from last issue)

1000 + BAR AWARD

Allen Mattis
N5AFV, # 27571

1000 BAR

CERT #	CALL	10-10 #
1432	DJ2YE	68904
1433	G4KHF	34443
1434	KA3VDN	56869
1435	N3NOP	63098

1436	K6RDK	65812
1437	KT4CU	33319
1438	W9OO	9973

2500 BAR

373	K0NO	20423
374	W8HFK	24023
375	KB5UNX	64337

5000 BAR NONE

7500 BAR NONE

LUCKY 13 AWARD

Dan Morris
KZ3T, # 41015

CERT #	CALL	10-10 #
410	WB6JVP	63117
411	N3TSV	68156
412	N6AGB	23560
413	AC6TB	67345

VP AWARDS

Carl Fisher
W0HIK, #40678

VP - 100

CERT#	CALL	10-10- #
389	N0SYU	62326
390	KA4N	50786
391	N9VKE	66452
392	K6MVN	31623
393	W9OO	9973

VP - 200

192	N7QOZ	62599
193	K6RDK	65812

VP - 300

117	WA3GFM	48036
118	KA1LHO	48461
119	KQ4PK	63201

VP - 400 NONE

VP - 500

48	KC4LOR	56076
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VP-600 NONE

WORKED ALL CONTINENTS AWARD

Tom Henderson
K4CIH, # 33233

CERT #	CALL	10-10 #
		NONE

COUNTY HUNTER AWARD

Hank Richroath
WA5HWI, #63313

100 COUNTIES

CERT #	CALL	10-10 #
--------	------	---------

409	KC1XP	67132
410	N3TSV	68156
411	W9OO	9973
412	KS4YX	65651

200 COUNTIES

240	KC1XP	67132
-----	-------	-------

300 COUNTIES

NONE

400 COUNTIES

NONE

500 COUNTIES

NONE

600 COUNTIES

71	K4CIH	33233
----	-------	-------

700 COUNTIES

48	VE7ACM	30939
----	--------	-------

800 COUNTIES

NONE

900 COUNTIES

NONE

1000 COUNTIES

19	AA1KS	56510
----	-------	-------

1200 COUNTIES

NONE

COUNTRIES AWARD

Russ Gauthier
N5EJS, # 1525

25 Countries

CERT #	CALL	10-10 #
533	W3BSY	48096

35 COUNTRIES

295	W3BSY	48096
-----	-------	-------

45 COUNTRIES

208	W3BSY	48096
209	W5USF	23660

55 COUNTRIES

146	W3BSY	48096
-----	-------	-------

65 COUNTRIES

101	W3BSY	48096
-----	-------	-------

75 COUNTRIES

73	W3BSY	48096
----	-------	-------

80 COUNTRIES

54	W3BSY	48096
----	-------	-------

85 COUNTRIES

54	W3BSY	48096
----	-------	-------

90 COUNTRIES

39	W3BSY	48096
----	-------	-------

100 COUNTRIES

34	W3BSY	48096
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(Continued on page 23)

1998 SPRING CW PARTY RESULTS

TOP TEN IN WORLD

CALL	QSOs	POINTS
KJ4RV	72	121
DK3KD	71	99
KU4W	54	97
KE4DEV	47	81
N4ZCG	47	81
W4SKW	42	78
N2EOC	38	67
W9OO	29	56
KR4OE	27	47
N9UKX	24	44

DX AREA - INDIVIDUAL

CALL	QSOs	POINTS
DK3KD	71	97
ZL1LE	15	40
DJ2YE	3	5

U.S. CALL AREAS 1-0

CALL	QSOs	POINTS
W1RFW	21	40
N2EOC	38	67
WK3P	17	31
KJ4RV	92	121
AA5XQ	24	43
K6EHA	15	29
K17RK	3	5
W8JSM	9	15
W9OO	29	56
KB0TUI	17	29

EUROPE

CALL	QSOs	POINTS
DK3KD	71	99
DJ2YE	3	5

NEW ZEALAND

CALL	QSOs	POINTS
ZL1LE	15	40

INDIVIDUAL - QRP

CALL	QSOs	POINTS
N9UKX	24	44
WA6VLS	2	6

AREA 1 - INDIVIDUAL

CALL	QSOs	POINTS
W1RFW	21	40
W1MXI	20	40
KC1FV	10	20
KD1YN	10	20
W1SIX	8	16
N1STE	6	12
WA1EBJ	6	12
K1UR	5	10

K1IEQ	3	6
W1LIC	3	6
N1RLO	1	2

AREA 2 - INDIVIDUAL

CALL	QSOs	POINTS
N2EOC	38	67
KF5UN	14	26
K2HLC	4	8

AREA 3 - INDIVIDUAL

CALL	QSOs	POINTS
WK3P	17	31
N3FSC	4	7

AREA 4 - INDIVIDUAL

CALL	QSOs	POINTS
KJ4RV	72	121
KU4W	54	97
KE4DEV	47	81
N4ZCG	47	81
W4SKW	42	78
KR4OE	27	47
KL7NL	19	33
N4EWG	18	35
AE2L	17	34
KE1HO	17	32
N4ERM	17	34
W4TBO	17	34
AA4PR	14	28
K4QFK	13	26
KC4JAN	11	22
N3DZC	11	22
KN4SS	9	18
N4UGH	8	16
KD4DNA	7	14
W4GTM	5	7

AREA 5 - INDIVIDUAL

CALL	QSOs	POINTS
AA5XQ	24	43
KC5BKT	15	30
KD6VLN	1	2
N5XYN	1	2

AREA 6 - INDIVIDUAL

CALL	QSOs	POINTS
K6EHA	15	29
W6PZE	3	6

AREA 7 - INDIVIDUAL

CALL	QSOs	POINTS
K17RK	3	5

AREA 8 - INDIVIDUAL

CALL	QSOs	POINTS
W8JSM	9	15
W8LBQ	1	2

AREA 9 - INDIVIDUAL

CALL	QSOs	POINTS
W9OO	29	56
ND9Y	22	44
KE9WZ	22	41
AK9Y	18	33
WA9TWE	15	28
KD9XP	14	25
W9IAI	11	22
KB9OBL	9	18
N9FA	7	13

AREA 0 - INDIVIDUAL

CALL	QSOs	POINTS
KB0TUI	17	29
W0RTV	13	27
WB0RHR	12	23
N0WM	9	17
N0XL	8	14
K7EXO	4	6
KD0IR	3	6
WA0FQK	2	4
AA0LM	1	2

CHAPTER SCORES

CHAPTER	LOGS	POINTS
POSSUM TROT	17	732
STEEL CITY	7	231
BATTLE ROAD	10	182
NEANDERTHAL	2	102
TROTTERS AND PACERS	3	101
BAUXITE	3	75
GATEWAY	5	57
CITY OF LIGHTS	2	47
DOWNUNDER	1	40
CHESAPEAKE BAY	2	38
MOKAN	1	23
CATT	1	15
PINE STATE	1	6

**CHANGED YOUR CALL
or ADDRESS**

NOTIFY 10-10 - ADDRESS ON PAGE 31

Hill Country 10-10 Gathering and Picnic Huge Success by Chuck Imsande

Ten years ago a small group of 10-10 members and friends gathered at the home of Jack Moore, K5CC # 50708, in the Hill Country just outside San Antonio, TX for a BBQ picnic. A great time was had by all and again the next year they gathered with a few more attendees. This has been going on ever since, year after year, and this year, the last Sunday in May, was another gathering of 10-10 members, XYL's and friends. This was the tenth anniversary of the Hill Country 10-10 Picnic. This year was the largest attendance since the beginning with 36 10-10 members, and 18 guests enjoying the hospitality of Jack and XYL Barbara. There must have been enough BBQ beef, salads, desserts, and goodies to feed at least twice the people in attendance. Second and third helpings were the order of the day. There were attendees from 9 states and Canada.

That first little group of local 10-10 members and their guests has continuously grown until the picnic is no longer a "local" affair. This year's attendance included: Janis, VE7AAP # 50407 and Garry VE7ACM #30939 from Port Alberni, B.C.; Linda, KJ4FM # 43299 from Kingsport, TN; Tom K4CIH # 33233 from Tuscaloosa, AL; Jim, W6KVA # 23269 from San Carlos, CA; Dave, K6RDK # 65812 from San Mateo, CA; Ed, N5PTR # 57105 from Lumberton, MS; Don, K0JPW # 4541 from Osawatomie, KS; Roger, KB7ARN # 44977 from Yakima, WA; Ed, KM5FF # 50356 from Albuquerque, NM and Chuck W6YLJ # 19636 and Esther KB6HW # 23331 from Sun City, AZ.

"Locals" from all around the state of Texas included: John, AA5WC # 42171; Bruce KK5DO #65027; Allen, N5AFV # 27571; Daryl, N5SCA # 57160; Mike, N5MT # 24949; Robert, WA5JDU # 3017; Hank, K5HWI # 63313; Robert, KA5VVD # 42188; Cliff, WB4FBS # 48461; Fay, KB4DPM # 48628; Ed, AE5ED # 29418; Erik, KC5BGK #

65054; Bill, WD5EDR # 23693; Chuck, WB5OUE # 27523; Paul, WA5HAM # 67876; Kathy, KC5BNJ # 65098; Dave, KA5OVO # 37297; Jack, K5CC # 50708; Ray, N5DAS # 35877; Johnny, KC5NMG # 67845; Dan, KC5GXL #67011; Bill, WA5LFS # 67010; Joan, WA5LFT # 67030; Steve, KG5IG # 48653; and Darryl, WA5AAO. In addition, family members rounded out the guest list to make a most enjoyable afternoon.

Ray, N5DAS # 35877, conducted a net with 44 check-ins from mobiles or the fixed station of K5CC. There were mobile antennas of every kind on the more than 20 mobiles parked on Jack's 22 acre spread. There were representatives from 8 10-10 club stations including the 10-10 Club Station, W6OI # 109.

The Saturday night before the picnic, a group of the local 10-10 members entertained the out of town visitors with a great Mexican dinner at one of the famous local Mexican restaurants.

Watch the 10-10 International News for information on the 1999 Hill Country 10-10 Picnic.



Jerry Summers, N0SYU # 62326 having a great time meeting all the folks.

**SPRING IS BUSTING OUT
ALL OVER**

**DON'T FORGET TO VOTE IN
THE UPCOMING TEN-TEN**

Chapter Coordinator's Column

(Continued from page 14)

cials should still be handled via U.S. Mail. Also, to be on the safe side, a detailed listing of the upgrade should be kept in the event that the CM should require verification. Requirements peculiar to a particular chapter are noted below. To be added to, deleted from, or changes made to the following list of e-mail upgraders must be made in writing or e-mail communication between the Certificate Manager and the Chapter Coordinator.

Battle Road - CM KC1FV, kc1fv@juno.com
Need basic number and current point value, as well as old, new, and total points and contacts. Contact Rich via e-mail for info on the retrieval of the upgrade form designed for use with upgrading via e-mail, packet, or TCP-IP

Bay Area - CM K6RDK, k6rdk@SMRN.com

Boomtown - CM W5TJP, w5tjp@aol.com

Bounty Hunters/Outlaws on Ten - CM WD5EDR, billheb@texanet.com

Branding Iron - CM KA5VVD
ka5vvd@vvm.com

Branding Iron II - CM N5XJD n5xjd@o.com

Broken Hearts - CM K4CIH
k4cih@earthlink.net

Colorado Frontier Gang - CM WB0CON
wb0con@juno.com

Fort McHenry/Cornerstone/Yodar Kritch - CM K3TUIJ k3tuij@juno.com

Doll Chasers - CM KA5OVO ka5ovo@aol.com

Eagle Watch/American Wildlife/Wildflowers - CM KC4SDU kc4sdu@localaccess.net

Electric City - CM WA2OIZ
wa2oiz@palmnet.net

GB Ten - CM G4KHF gbten@globalnet.co.uk

Great Lakes - CM WA8OXS -
wa8oxs@aol.com

Great Smoky Mountains - CM W4RNL/N4TZP
cebik@utkvx.utcc.utk.edu Fench Broad and Holston programs should be submitted via U.S. Mail

Houston SHOT - CM N5AFV afmattis@hal-pc.org

Kansas Trails - CM KB6UPG
kb6upg@willmar.com

Liars 2 and Metro - CM WB2SJJ
wb2sjj@aol.com

Mississippi Lighthouse - CM N5LBZ
scole@juno.com Flame Bearer, Blue Seal, Beacon Shaft, Gold Seal upgrades via e-mail.....all other via U.S. Mail

Muletown - CM N8JQJ sprins@edge.net
submit previous, new and total points collected and contacts. Seal upgrades continue to be handled by the CM via U.S. Mail

Neanderthal - CM DL7KHK dl7khk@qsl.net

Old Ironsides - CM W1MXI w1mxi@juno.com

Peshtigo Fire - CM W9BLI ka9bli@itol.com
points and seals upgrade submit total, new and previous - also need total contacts for chapter

Pirates of the Mississippi - CM N9KLH
walkers@nemr.net

Portland 500 - CM N7YBX n7ybx@pcez.com

Portland Bridge - CM K7PRZ
k7prz@prodigy.com

Restoration Project/Feline Friends - CM VE7AAP/VE7ACM catsncar@arrowsmith.net

Sky Blue Waters/Tin Lizzie - CM WB0RCC
cedwards@isd.net In addition to old, new and

(Continued on page 27)

Chapter Coordinator's Column

(Continued from page 26)

total points, submit total contacts, basic number(s) with current point value, 10-10 number with date of expiration.

South Texas Lighthouse Brigade - CM N5DAS
n5das@juno.com submit old, new and total points, total contacts and date of issue of original certificate

Steel City - CM KE9WZ ke9wz@megsinet.net

Twin Cities - CM WA4KUP/KC6MJO
wa4kup@aol.com

These addresses are as current as the information you provide me. If there are any additions, corrections, or deletions to this list, please contact the Chapter Coordinator, K6RDK, Dave via e-mail: k6rdk@SMRN.com

I must have my report in to the editor of the "News" no later than the first of the month of March, June, September and December. 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 prior to the first of those months. Often chapter or special information is received too late to make the issue on a timely basis. The column for the January issue for instance must be submitted to the editor around the first of December. So if your special is to run 1 through 31 December, it should be in my hands prior to 1 September to be in the October issue,

BECOME A 1998 10-10 SCHOLARSHIP VOLUNTEER

Send your contribution for 1998 to the
Scholarship Manager, Morrie Goldman
W6EHM #4189
(address on page 2)



Gay Chaffin, K5GAY # 11825 and Loreen Kimble, KC6MJO # 57217 get together.



Bob Peschka, K7QXG # 5956, at his station with QSL cards to answer.



Bob G4KNJ #32993 and Peggy, G4MAE #32992 CQ, CQ Jolly old England

VISIT THE 10-10 WEB SITE
<http://www.lehigh.edu/lists/tenten-l>

(Note - The last letter in the address is a lower case "L" and not a number "1")

NET NEWS
 by
Bill Marple, AA6ZW

Hello again from, finally dry, Southern California. We sure had our share of rain this year.

February, March and April were exceptionally good months for our nets. Unfortunately, I can't say the same for May and the beginning of June, but let's keep up our hopes. We have weathered the storm before, and we will do so again. One thing to keep in mind is that fact that the band is changing all day. You may not think that there will be an opening because the numbers sound bad, but you might be pleasantly surprised when you check out the frequency. There have been occasional openings in Hawaii and the Caribbean as well as South America - so keep trying.

I want to commend our net controllers for the excellent job that they are doing. If you are checking in with them on a regular basis, you know that they are putting their all into calling the nets. It can be a real challenge for them to dig out those weak signals, but they do it and do it well. Please continue to check in and support our nets.

I wish to extend a hearty welcome to Dan, WV4Y # 39409 who is calling the Friday net on 28.380 and Robert, KQ4PK # 63201 who is calling the Friday net on 28.800. We lost Jimmy and Sherm to QRM and other problems. We certainly do appreciate the effort that each put forth during their tenure.

I am still looking for anyone who would like to help out on the nets as backup net controllers. We can certainly use a few good folks to be there on occasion to relieve the regular net control for vacations, medical or other personal matters. Let know if you are interested. The pay might not be a lot, but the results are great.

E-mail me at: aa6zw@compunetlink.com

Until next issue, I wish you good DX and 73

Meet N6ELK, Louise

My name is Frances Louise Chapman, but my friends call me Louise. My call is N6ELK and my 10-10 number is 36654 and a VP of 1528. I was born in Dallas, Texas, graduated from North Dallas High School and attended Draughns Business College. I worked for Southern Bell Telephone Company as a stenographer and Dictaphone operator.



I am a widow with three grown children, two daughters and a son, and two granddaughters. My daughters and son-in-law are amateur radio operators also.

I was first licensed in 1977 and have an Advanced Class license. I joined 10-10 in 1983, and have been the Net Control Station for the past 13 years on Wednesday, 28.800 as well as a control operator for the 10-10 International Net Club Station, W6OI. The Club station has a 10-10 number of 109 and a VP number of 56. I was also responsible for establishing the alternate net on 28.380 for stations that hold Novice and Tech Plus licenses. I am an accredited volunteer examiner (VE) with ARRL, and the Greater Los Angeles Amateur Group, as well as a volunteer at the Braille Institute. I belong to the Meridian Chapter #310 order of the Eastern Star and am a Hiram Ham Sweetheart.

I look forward to hearing from you on my net.

**HAPPY
FOURTH
OF
JULY!!**



10-10 Software Update by Chuck Imsande

Jim Hardy, K4HAV # 17605, has recently moved all of his 10-10 software web sites to a new location at <http://hds.net>. Jim got this new domain name and a larger web site to host his new 10-10 Contest Program named Win 10-10, which is a 32 bit program designed to run under Windows 95/98. This new program is an updated version of his DOS-based 10-10 Contest Program and has many new features. This program as a Demo Version can be downloaded from the new Hardy Data Systems URL at <http://hds.net>. The Demo Version is the complete program with a 25 QSO limit. Upon receipt of the purchase price (or upgrade price for present 10-10 Contest users) the User ID file will be e-mailed which removes the 25 QSO limit. For those not on the internet, distribution will be made by floppy disks or CD ROM disk. Jim's new e-mail address is K4HAV@hds.net. Jim's contest programs, both DOS and the new Windows 95/98 programs are official 10-10 authorized Products. Visit Jim's new web site for more details about this new 10-10 supported program.

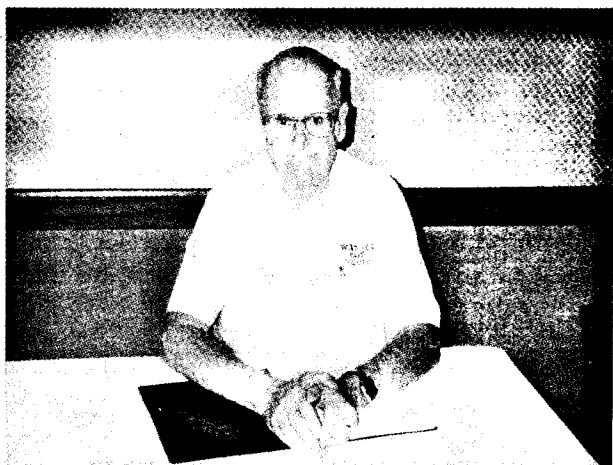


WHAT IS IT NOW? SEEMS LIKE YOU'RE ALWAYS YELLING ABOUT SOMETHING!

WHO'S WHO IN 10-10 GALLERY



N7HDB, 339650 Gini looking for some used-books? A ride? or lunch - something!



Would you like to join the Great Lakes? Bob Nickel, WA8OXS #3159



Red K4DDC #34589, George WA1MUN #35371, Randy KE4QO #33234 and Milt (SK) K1CKD #12638

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 with an SASE to the following BAR Managers:

BAR APPLICATIONS 100-900

Dan Morris, KZ3T #41015 112 Royal Oak Court
..... Lenoir, NC 28645

BAR APPLICATIONS 1000+

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

CERTIFICATE OF AWARD

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

INTERNATIONAL 500 OF THE WORLD

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

VP BAR AWARD

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

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

LUCKY 13 CERTIFICATE

Dan Morris, KZ3T #41015 112 Royal Oak Court
..... Lenoir, NC 28645

VP WORKED ALL STATES

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

CONTINENTS AWARD

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

COUNTIES AWARD

Hank Richroath, WA5HWI #63313 ... 1004 S Howeth Street
..... Gainesville, TX 76240-5904

COUNTRIES AWARD

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

CW AWARD

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

MOBILE AWARD

Dave Becker, K7PRZ #47633 PO Box 3346
..... Portland, OR 97208

OM/XYL AWARD

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

WORKED ALL STATES AWARD

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

WORKED ALL STATE CAPITALS

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

WPX (PREFIX) AWARD

Bill Montgomery, KB3GW #35517 PO Box 7183
..... Las Cruces, NM 88006

Attention - Mom's and Dad's

- Do you have a teenage boy or girl that has their
- ham license, and their own 10-10 number? Or
- maybe you know of a teenager of a friend that is
- a ham and has a 10-10 number. We are looking
- for teenage hams that are 10-10 members for our
- column "The Future of Amateur Radio"
-
- The NEWS would like to do a feature story about
- your teenage son, daughter or friend. Send infor-
- mation and a picture to the Editor, the address is
- on page 2 this issue of the NEWS.

Membership Information and Services

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

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

NEW MEMBERSHIPS

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

Mail new member applications with USA ZIP code to:

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

Mail new member applications for all DX to:

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

All correspondence regarding membership services should be addressed to:

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

DUES RENEWALS

10-10 dues are \$10.00 per year or 3 for \$25.00 for members with a USA ZIP code and \$13.00 per year or \$34.00 for 3 years 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.
Attention: Dues Renewal
643 N. 98th Street #142
Omaha, NE 68114-2342

All DX members send dues renewals to:

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

FAMILY MEMBERSHIPS

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

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

LIFE MEMBERSHIP

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

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

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

CALL/ NAME/ ADDRESS CHANGE

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

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

10-10 INFORMATION BROCHURE

The **10-10 Information Brochure**, an 8 page brochure of everything you would want to know about 10-10 is available for \$2.00 postpaid (USA or DX). Send your request, along with a return address label (no SASE required) to:

Jeff Ritter, N5VAV #59692
10-10 Information Manager
59 Hovenkemp
Richland Hills, TX 76118

SCHOLARSHIP DONATIONS

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

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

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

10-10 STAMPS

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

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

10-10 STATIC CLINGER LOGO

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

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

AWARDS & CERTIFICATE GUIDE

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

Brad Kimble, WA4KUP #55192
3855 66th St. E
Inver Grove Heights, MN 55076-2222

10-10 ROSTER

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

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

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

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

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

Be sure to note which program you are ordering.

FCC FORM 610

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

Mike Elliott, KF7ZQ #54625
Attention: FCC Form

10-10 QSO PARTY COVER SHEET

SUMMER PHONE PARTY - 0000Z 1 AUGUST TO 2400Z 2 AUGUST 1998

CONTACTS	NO. OF CONTACTS	MULTIPLIER	POINTS
WITH 10-10 NUMBER (DX ONLY)		X 3	
WITH 10-10 NUMBER (NON DX ONLY)		X 2	
WITHOUT 10-10 NUMBER (NON DX AND DX)		X 1	
TOTAL QSO PARTY POINTS (SUM OF 3 LINES ABOVE)			

ENTRY IS: ☐ Individual ☐ Club ☐ QRP

Chapter Assignment (if any) : _____

Call Area or ARRL Country you operated this QSO Party from: _____

LOGS MUST BE POSTMARKED ON OR BEFORE 17 AUGUST 1998

SEND LOGS TO:

**Brooklyn Bridge Chapter
P.O. Box 080500
Staten Island, NY 10308**

**A PHOTO COPY OF THIS
PAGE IS ACCEPTABLE**

CHECK LIST

1. Proof of Membership (This page or a photo copy showing your address label OR a copy of your membership card)

NO ☐ YES ☐

2. DUPE Sheet(s) enclosed: NO ☐ YES ☐

3. Log in UTC Date/Time: NO ☐ YES ☐

4. Cover Sheet for this QSO Party: NO ☐ YES ☐

(A cover sheet for any other QSO Party is unacceptable)

**ALL CHECK ITEMS MUST BE YES AND ALL BLANKS IN THE SCORING BOX
MUST BE FILLED IN TO BE AN ACCEPTABLE LOG SUBMITTAL**

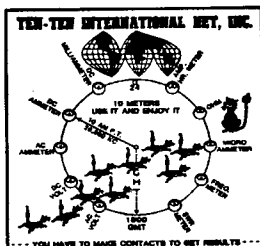
**10-10 International Net, Inc.
643 N. 98th Street #142
Omaha, NE 68114-2342**

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

**PRE-SORTED
FIRST-CLASS MAIL
U.S. POSTAGE
PAID
OMAHA, NE
PERMIT 1799**

FIRST CLASS

Address Services
Requested



*****AUTO**ALL FOR ADC 530
15984 WBOKIN 022003
WALTER E FRIANT 18
2310 S WALLONNIE DR
MARSHFIELD WI 54449-5346



JULY 1998

(SUMMER)